Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001650.D
Acq On : 11 Jun 2015 20:22
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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Quant Time: Jun 12 03:22:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 02:07:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	18288	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	68969	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	35076	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	40369	5.00	ng		0.03
25) Chrysene-d12	21.28	240	67948	5.00	ng		0.02
32) Perylene-d12	23.51	264	59280	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	43682	10.48	ng		0.00
5) Phenol-d6	6.84	99	57934	11.27	ng		0.00
7) Nitrobenzene-d5	8.85	82	57132	11.67	ng		0.00
13) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
14) 2-Fluorobiphenyl	12.96	172	115486	10.09	ng		0.00
27) Terphenyl-d14	19.72	244	99297	10.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	18692	9.22	ng		96
3) n-Nitrosodimethylamine	3.51	42	33515	11.48	ng	#	99
8) Nitrobenzene	8.89	77	62969	11.95	ng		97
9) Naphthalene	10.52	128	157997	10.17	ng		99
10) Hexachlorobutadiene	10.82	225	26315	9.93	ng		99
11) 2-Methylnaphthalene	12.15	142	105533	11.00	ng		99
15) Acenaphthylene	14.06	152	176901	11.21	ng		100
16) Acenaphthene	14.40	154	104148	10.51	ng		94
20) Hexachlorobenzene	16.38	284	34672	14.68	ng		85
21) Pentachlorophenol	16.72	266	14977	20.39	ng		97
23) Anthracene	17.19	178	162076m	16.63	ng		
26) Pyrene	19.50	202	231204	10.41	ng		100
28) Benzo(a)anthracene	21.25	228	207649	10.34	ng		94
29) Chrysene	21.31	228	198431m	10.48	ng		
30) Bis(2-ethylhexyl)phthalate	21.19	149	158980	13.64	ng		99
31) Indeno(1,2,3-cd)pyrene	25.76	276	174415	9.41	ng		100
33) Benzo(b)fluoranthene	22.83	252	193831	10.79	ng		98
34) Benzo(k)fluoranthene	22.88	252	179100	10.34	ng		98
35) Benzo(a)pyrene	23.41	252	166372	10.58	ng		97
36) Dibenzo(a,h)anthracene	25.77	278	137411	9.69	ng		98
37) Benzo(g,h,i)perylene	26.45	276	139456	9.13	ng		98

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

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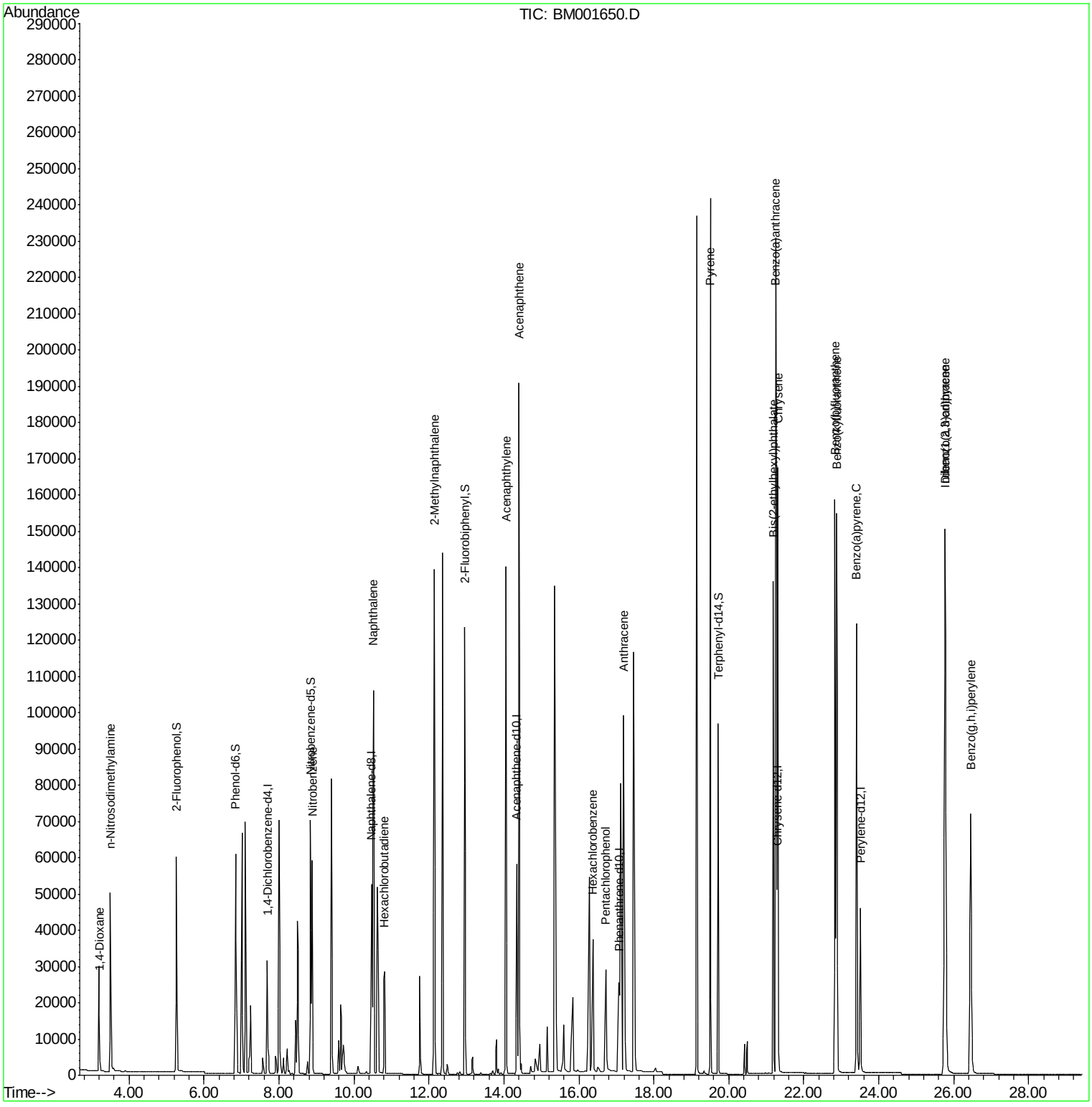
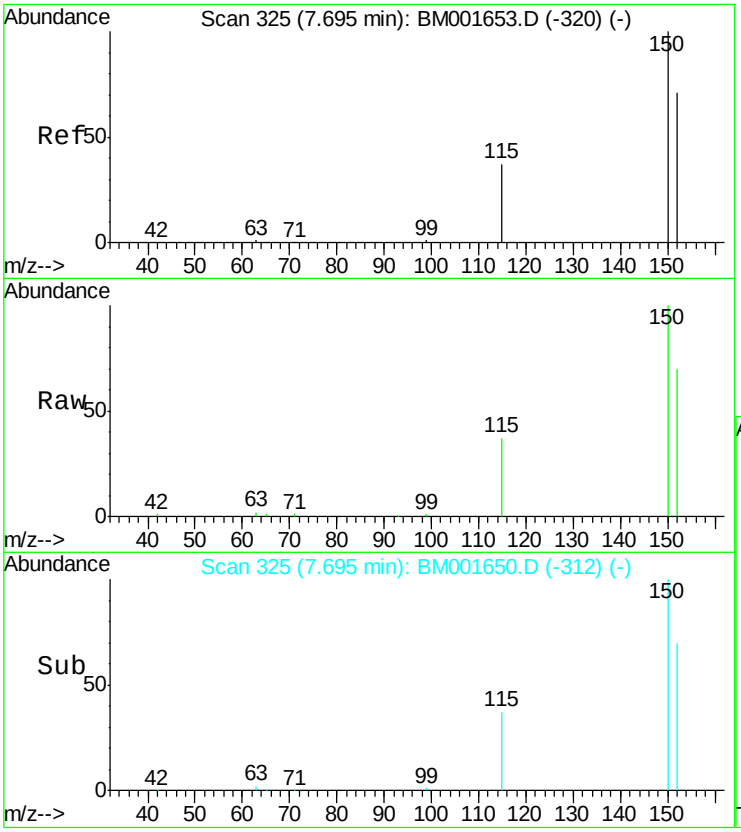
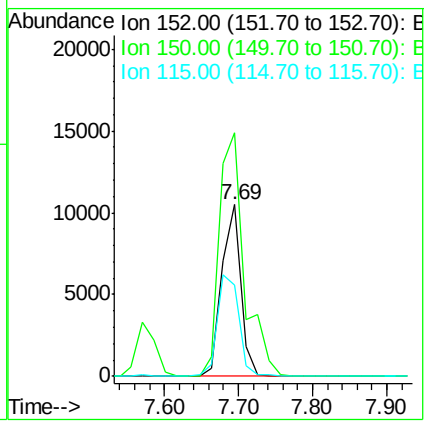




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:152 Resp: 18288

Ion	Ratio	Lower	Upper
152	100		
150	142.1	112.2	168.2
115	52.9	41.7	62.5



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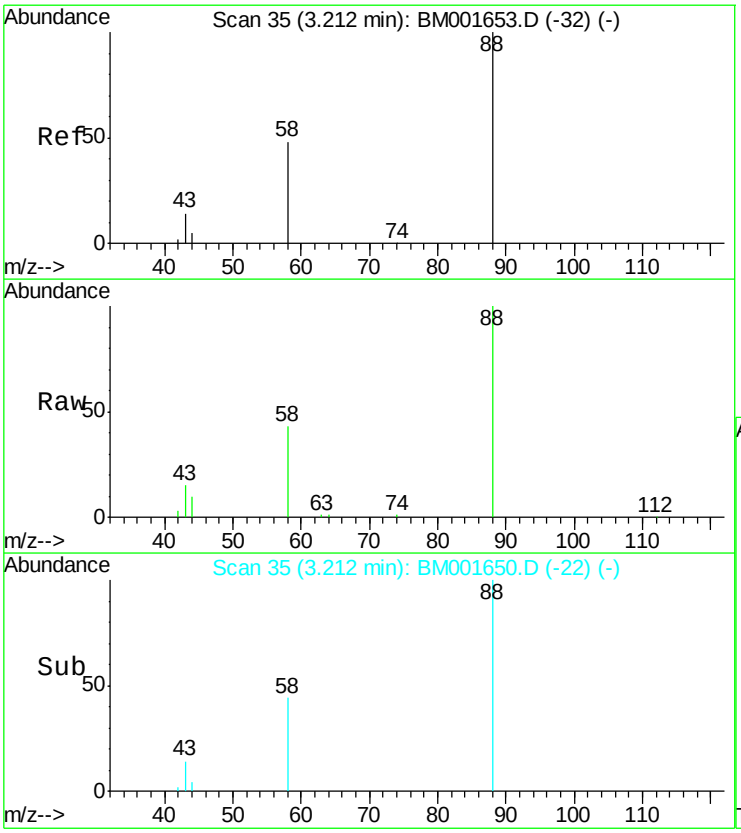
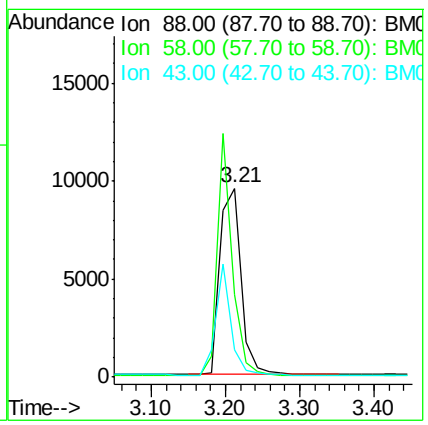
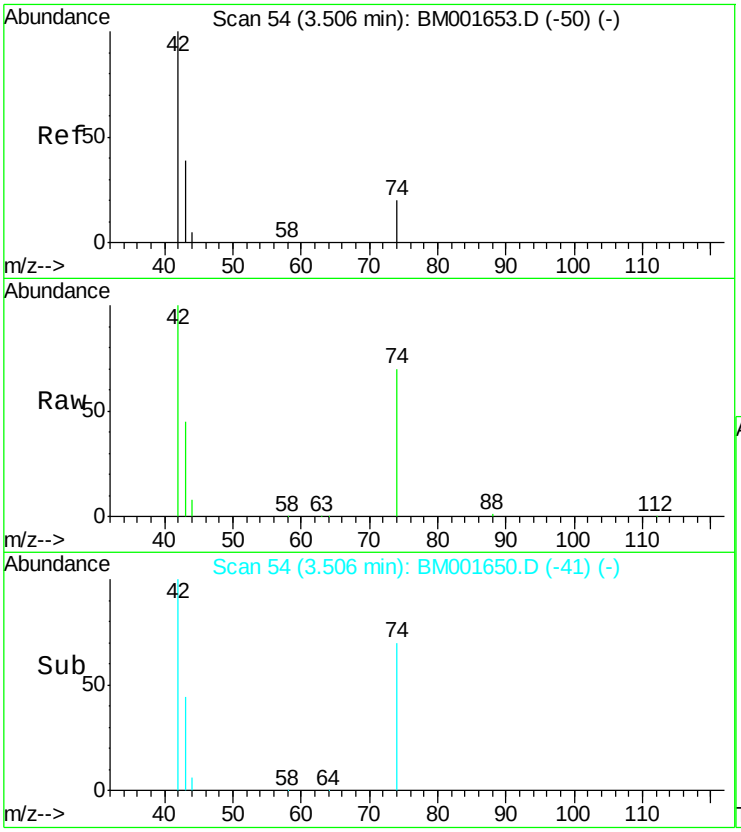


#2
1,4-Dioxane
Concen: 9.22 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion: 88 Resp: 18692

Ion	Ratio	Lower	Upper
88	100		
58	92.1	70.5	105.7
43	42.9	33.3	49.9

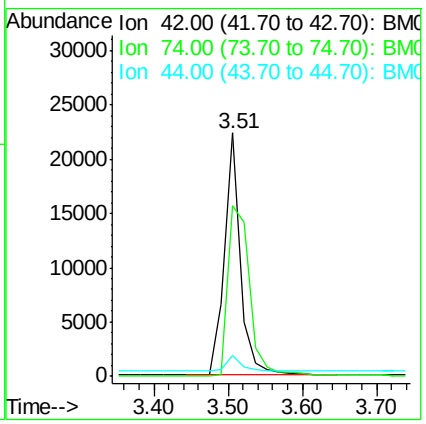




#3
n-Nitrosodimethylamine
Concen: 11.48 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion: 42 Resp: 33515

Ion	Ratio	Lower	Upper
42	100		
74	95.0	75.7	113.5
44	5.9	6.7	10.1#



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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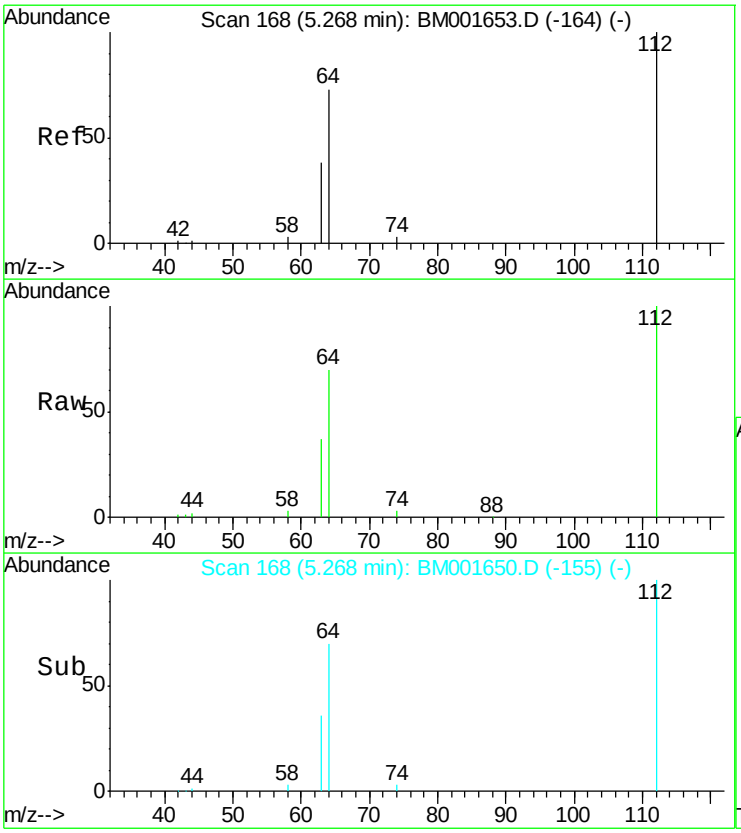
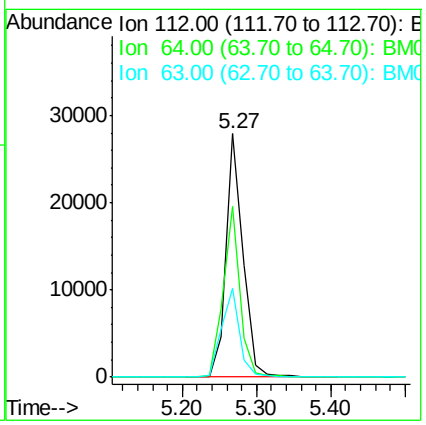
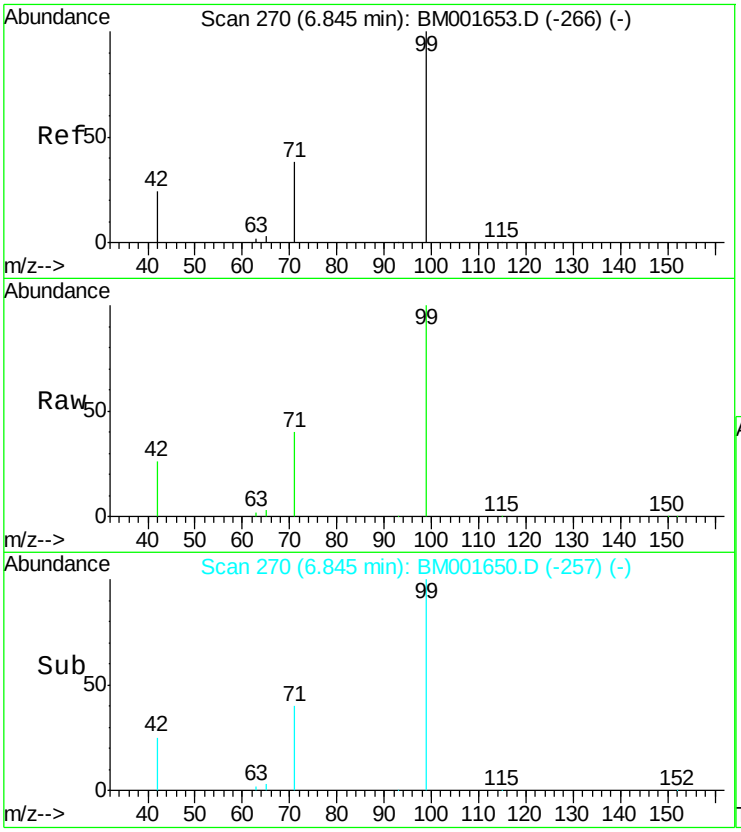


#4
2-Fluorophenol
Concen: 10.48 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:112 Resp: 43682

Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	38.4	29.9	44.9

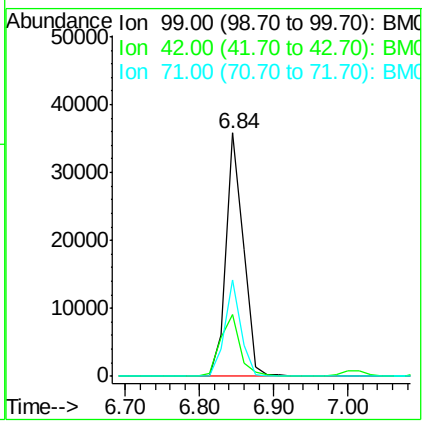




#5
Phenol-d6
Concen: 11.27 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion: 99 Resp: 57934

Ion	Ratio	Lower	Upper
99	100		
42	28.0	21.6	32.4
71	37.1	28.7	43.1



Instrument :
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ClientSampleId :
SSTDICC010

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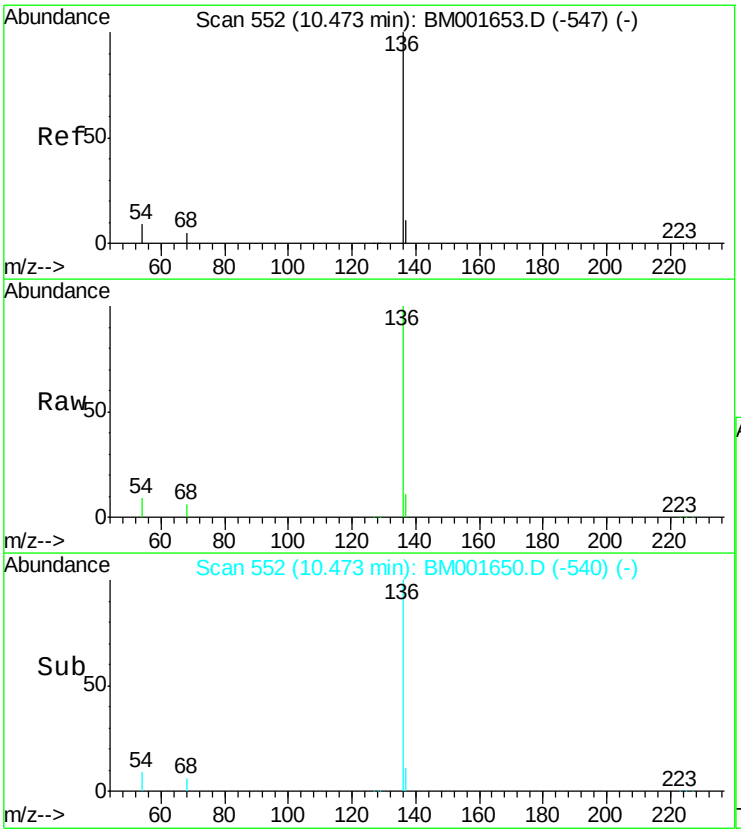
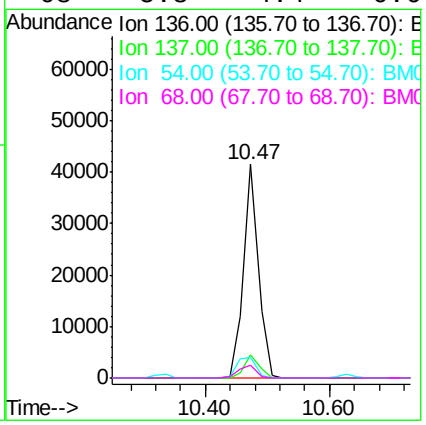
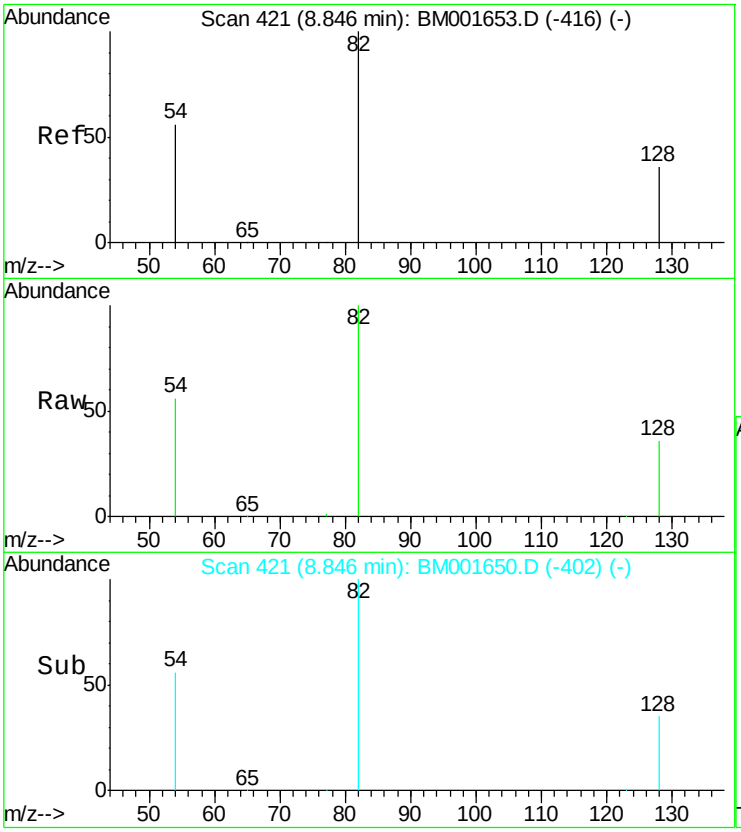


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:136 Resp: 68969

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	6.9	10.3
68	5.8	4.4	6.6

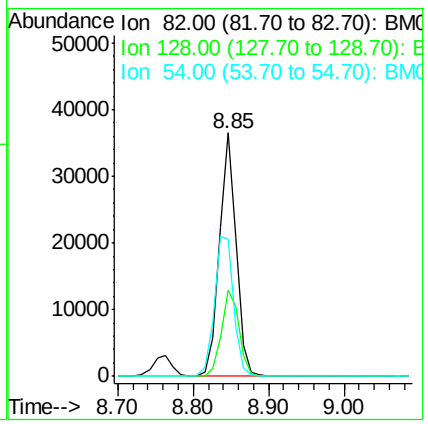




#7
Nitrobenzene-d5
Concen: 11.67 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion: 82 Resp: 57132

Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	56.5	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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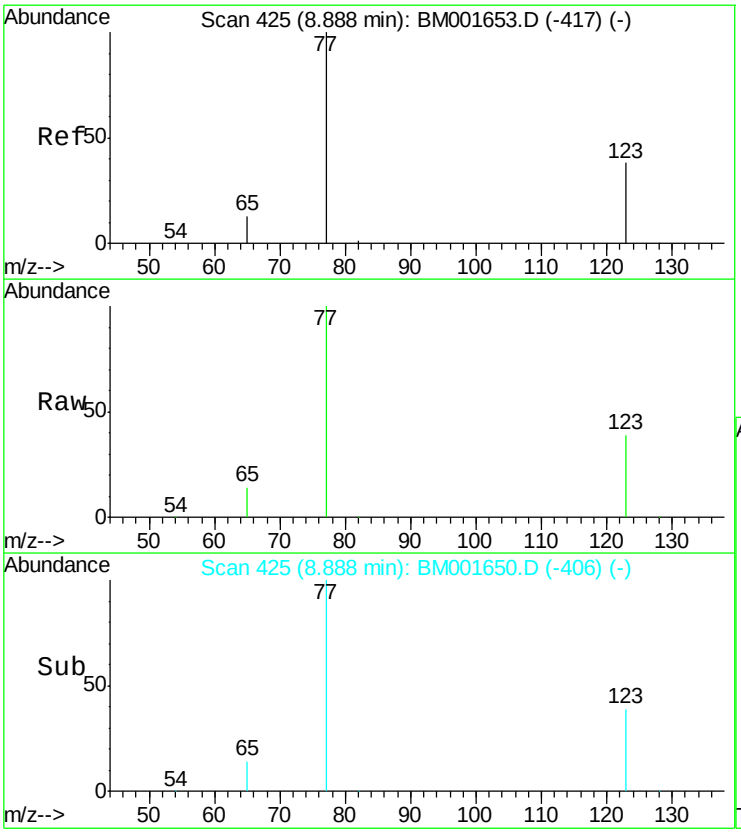
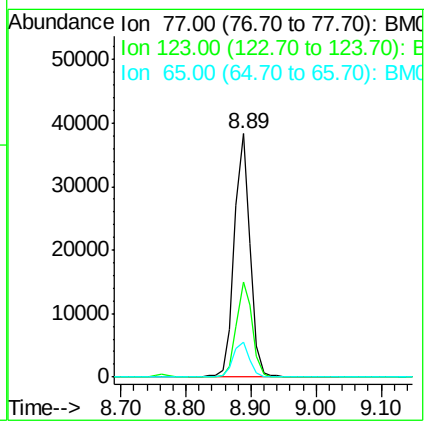
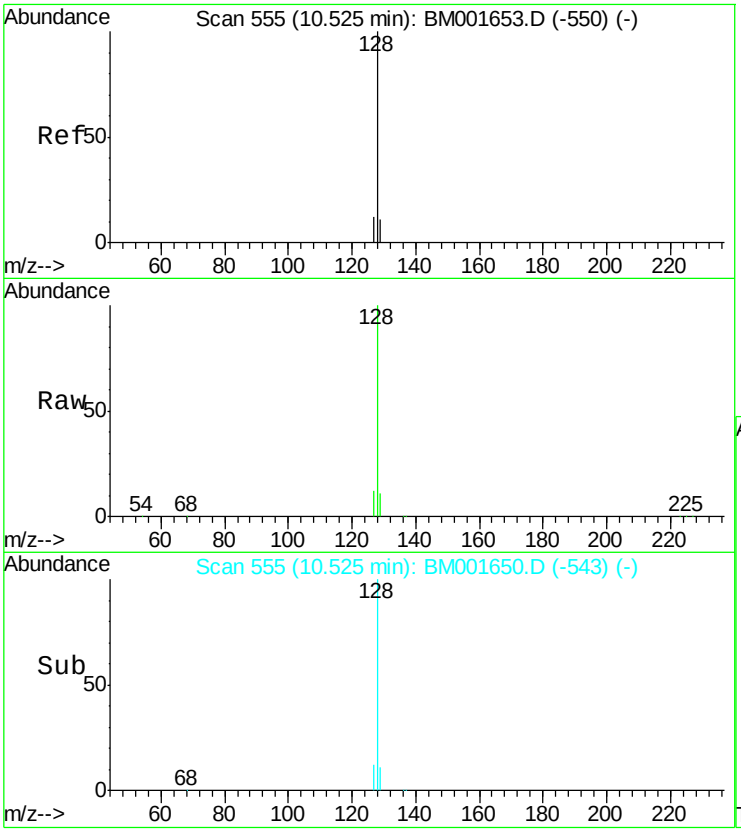


#8
Nitrobenzene
Concen: 11.95 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion: 77 Resp: 62969

Ion	Ratio	Lower	Upper
77	100		
123	39.6	30.3	45.5
65	14.8	11.2	16.8

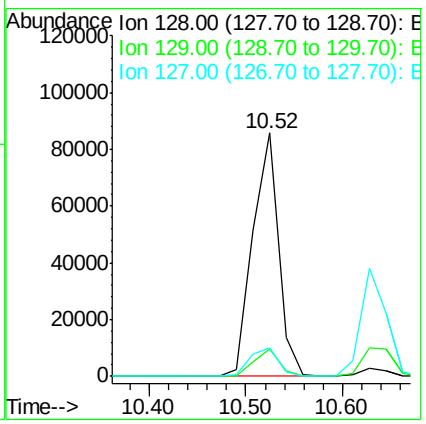




#9
Naphthalene
Concen: 10.17 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:128 Resp: 157997

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	11.9	9.7	14.5



Instrument :
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ClientSampleId :
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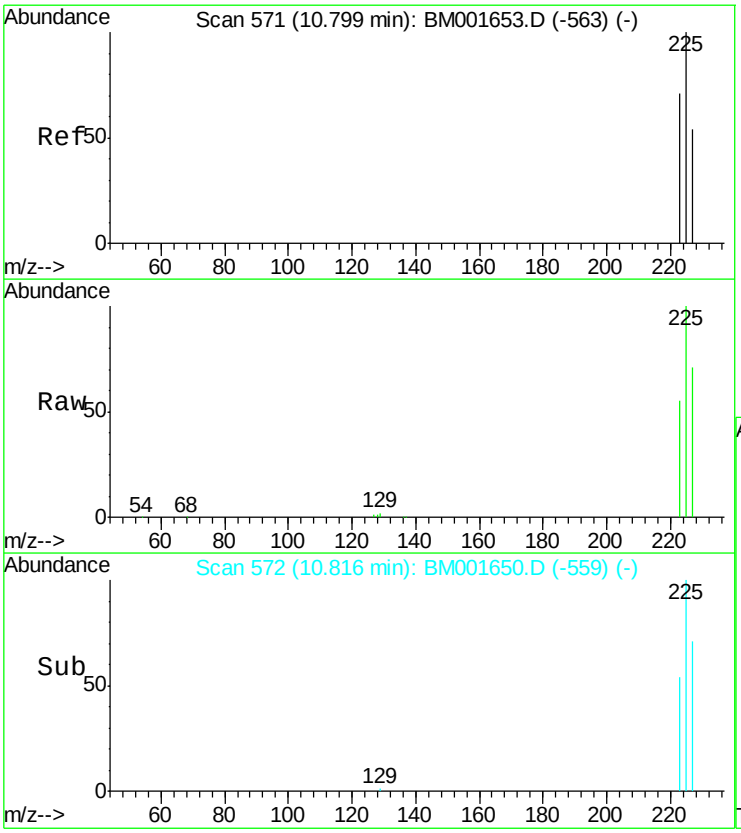
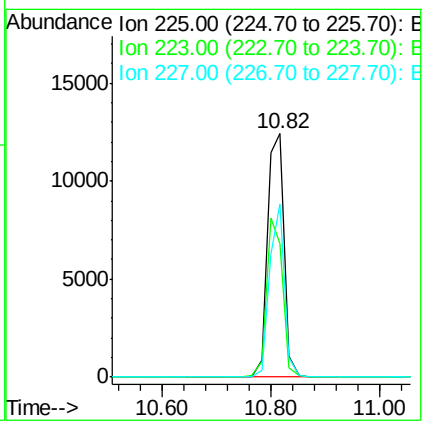
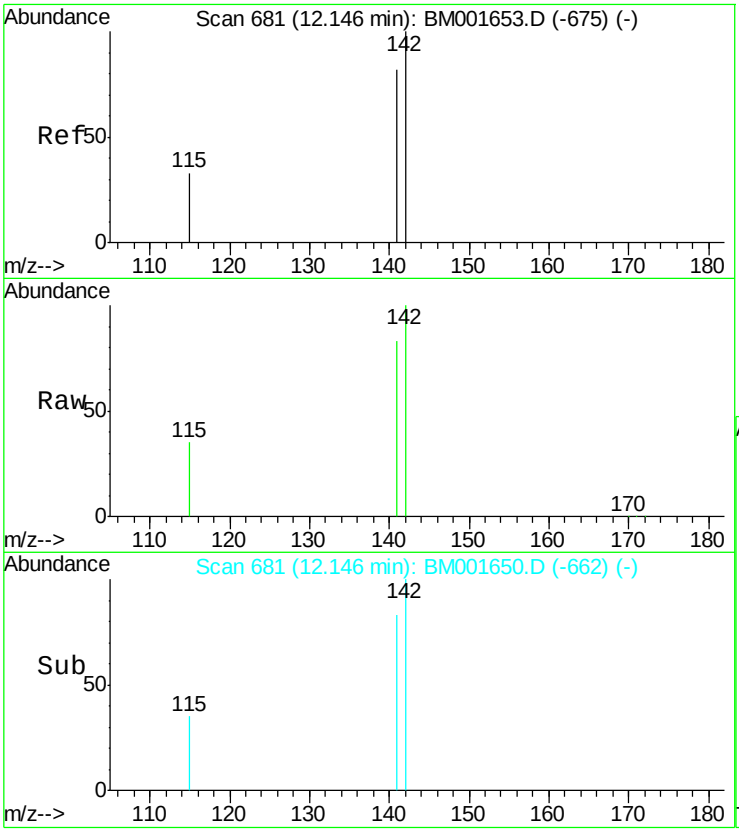


#10
Hexachlorobutadiene
Concen: 9.93 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.02 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:225 Resp: 26315

Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.4
227	63.7	51.2	76.8

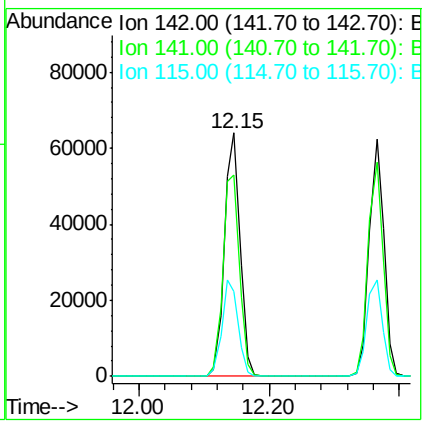




#11
2-Methylnaphthalene
Concen: 11.00 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:142 Resp: 105533

Ion	Ratio	Lower	Upper
142	100		
141	82.7	65.8	98.6
115	35.0	27.0	40.6



Instrument :
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ClientSampleId :
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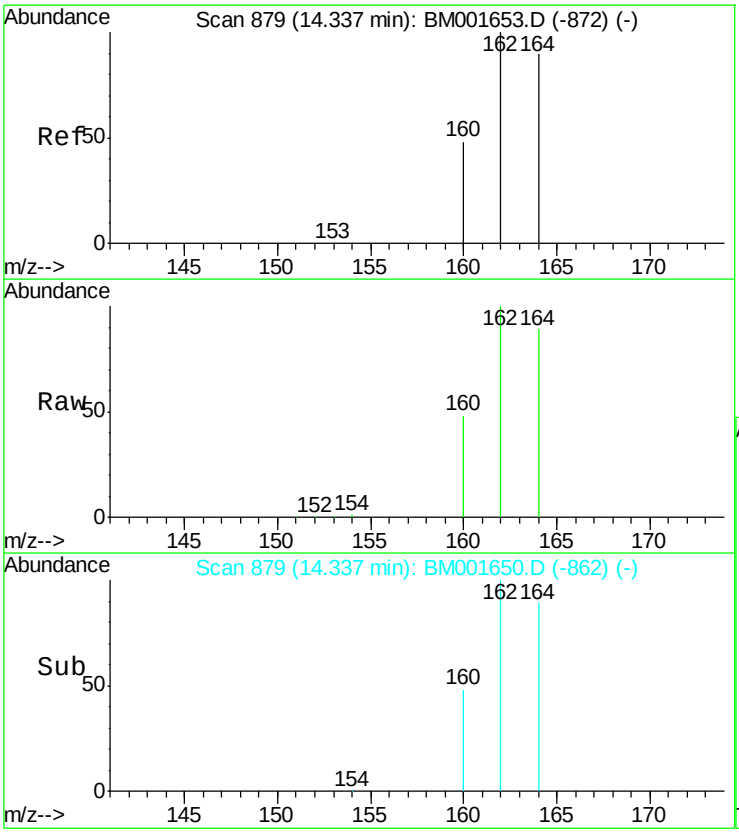
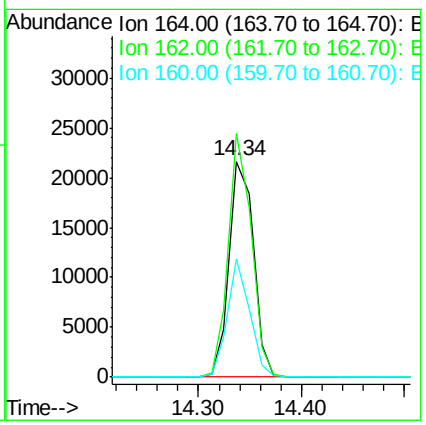
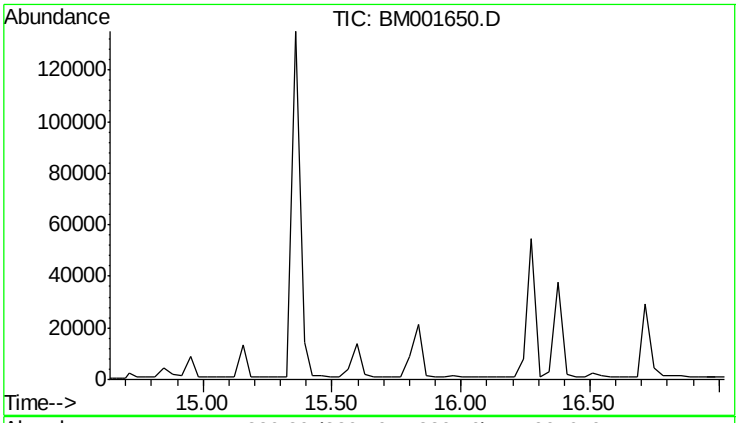


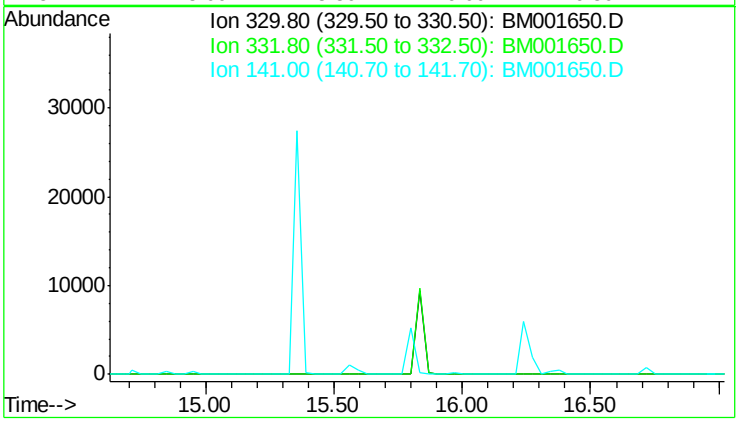
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:164 Resp: 35076

Ion	Ratio	Lower	Upper
164	100		
162	112.7	89.0	133.4
160	54.6	42.6	63.8







#13
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.83 min

Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	100.7
141	0.0

Instrument :
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ClientSampleId :
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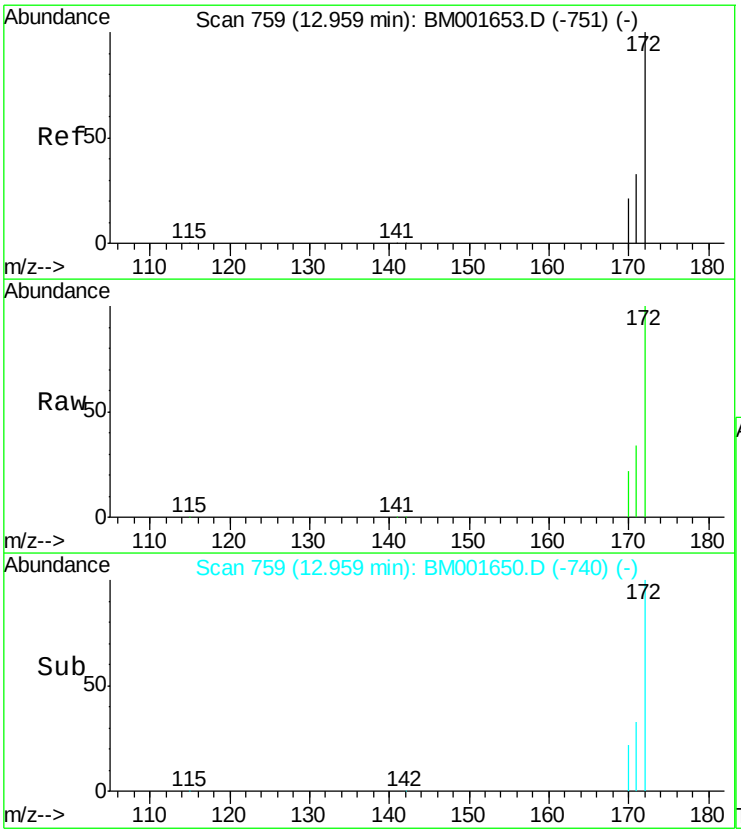
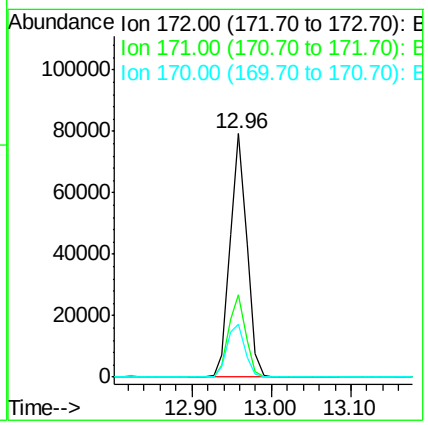
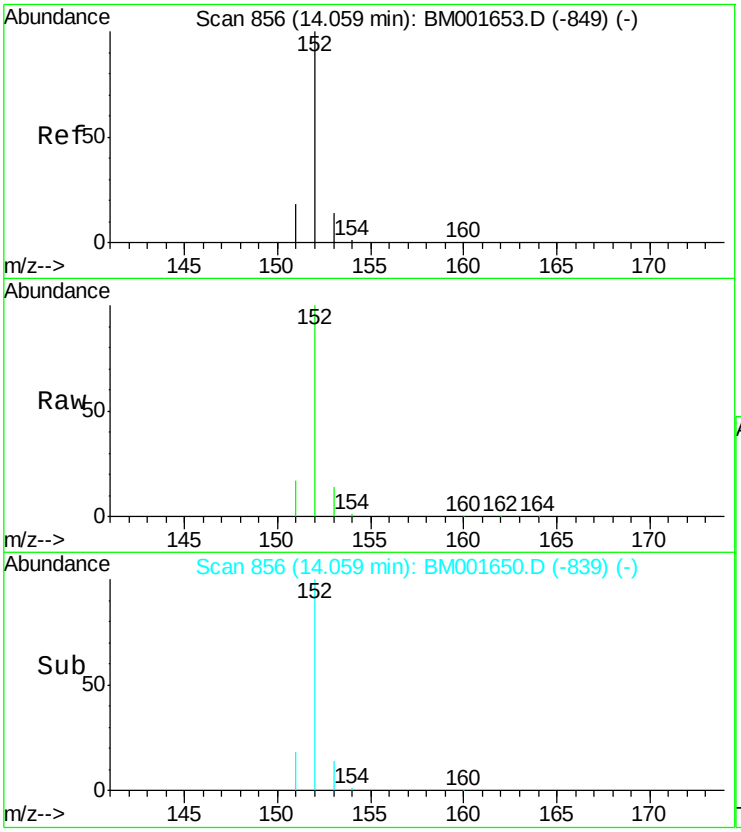


#14
2-Fluorobiphenyl
Concen: 10.09 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:172 Resp: 115486

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	40.0
170	21.7	17.1	25.7

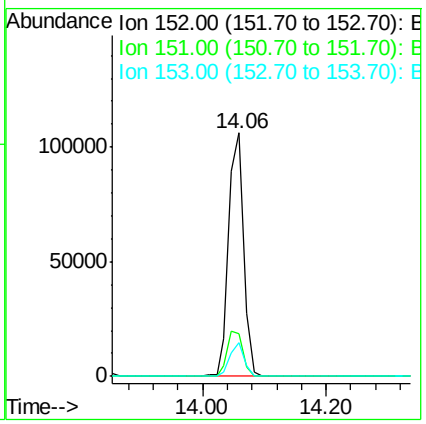




#15
Acenaphthylene
Concen: 11.21 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:152 Resp: 176901

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.9	10.2	15.4



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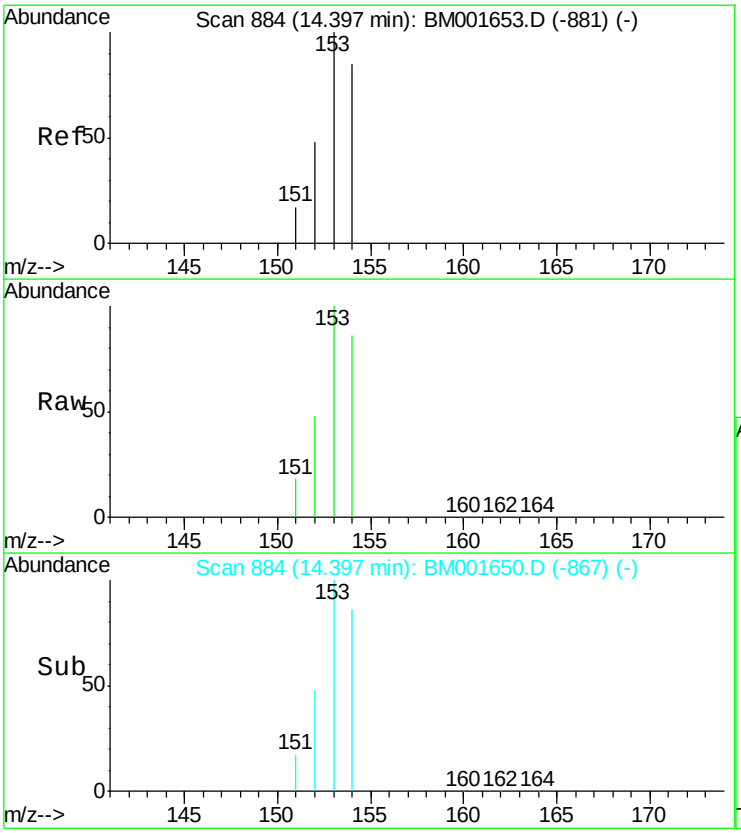
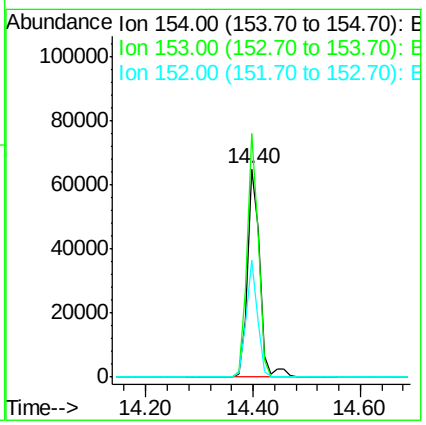
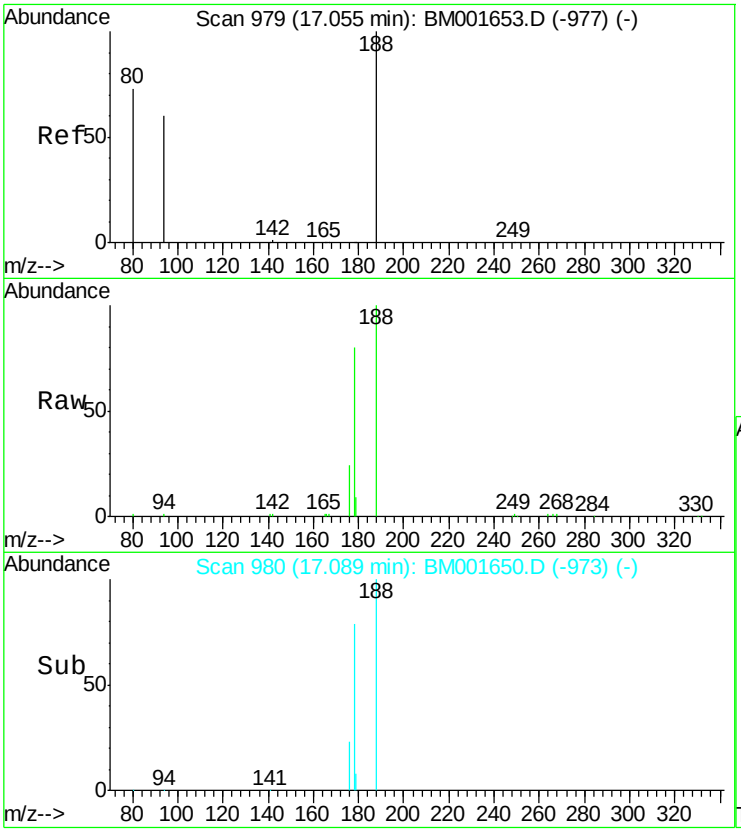


#16
Acenaphthene
Concen: 10.51 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:154 Resp: 104148

Ion	Ratio	Lower	Upper
154	100		
153	107.2	91.0	136.6
152	51.2	43.8	65.8

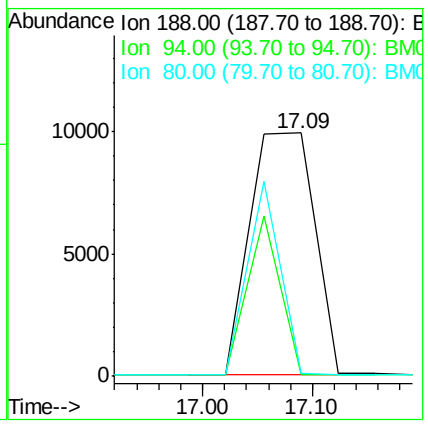




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.03 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:188 Resp: 40369

Ion	Ratio	Lower	Upper
188	100		
94	0.9	48.3	72.5#
80	1.0	58.6	88.0#



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ClientSampleId :
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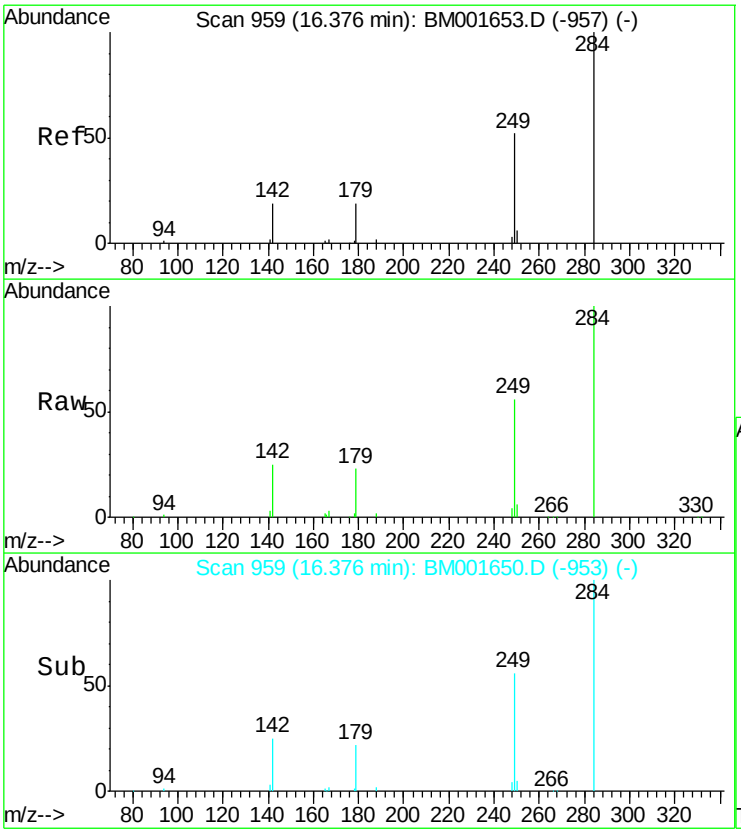
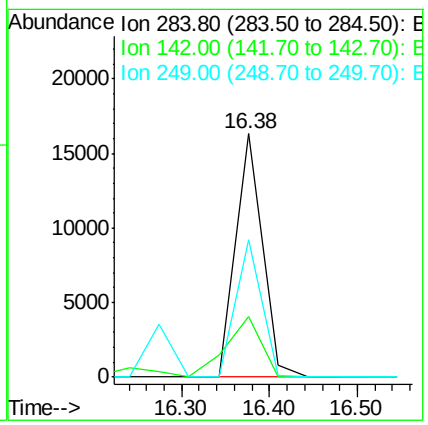
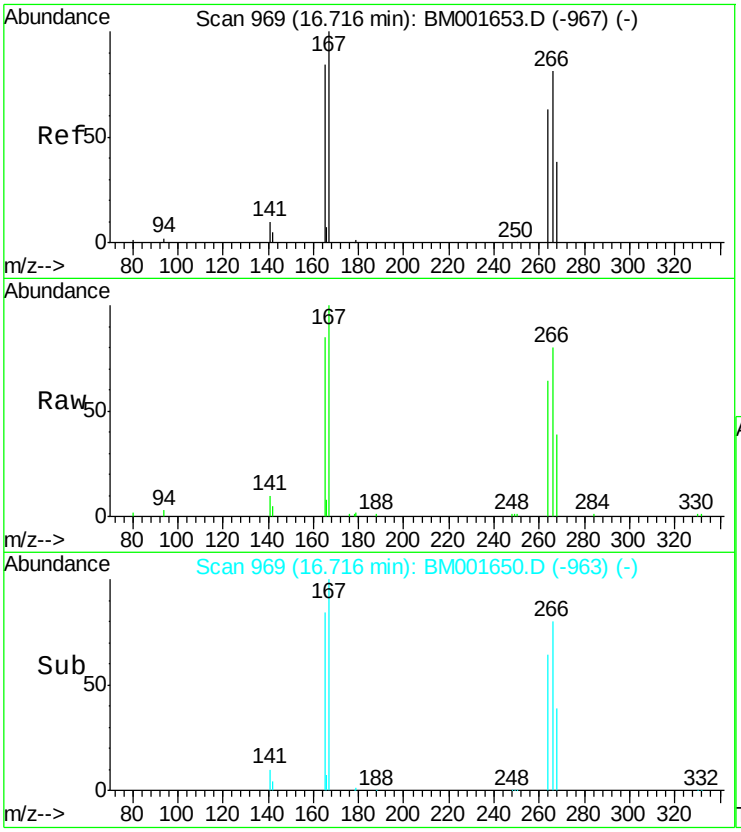


#20
Hexachlorobenzene
Concen: 14.68 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:284 Resp: 34672

Ion	Ratio	Lower	Upper
284	100		
142	32.0	21.5	32.3
249	54.0	53.8	80.6

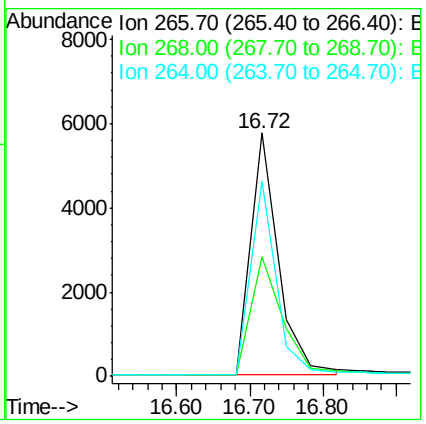




#21
Pentachlorophenol
Concen: 20.39 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:266 Resp: 14977

Ion	Ratio	Lower	Upper
266	100		
268	49.2	43.3	64.9
264	80.0	64.5	96.7



Instrument :
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ClientSampleId :
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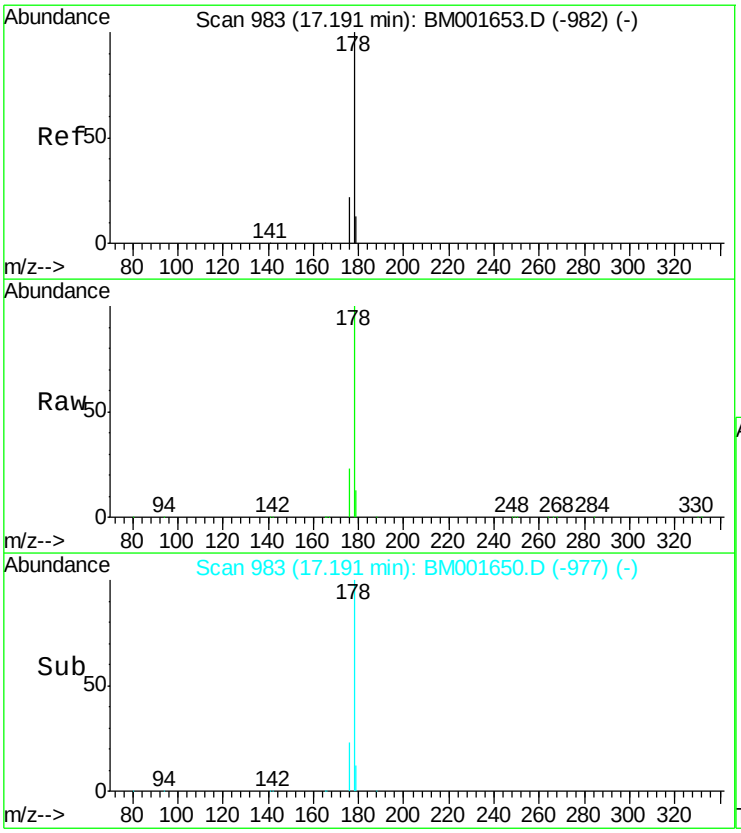
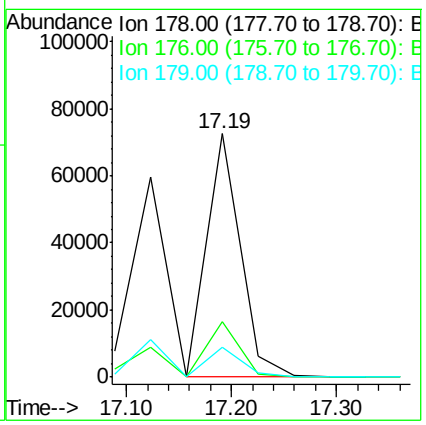
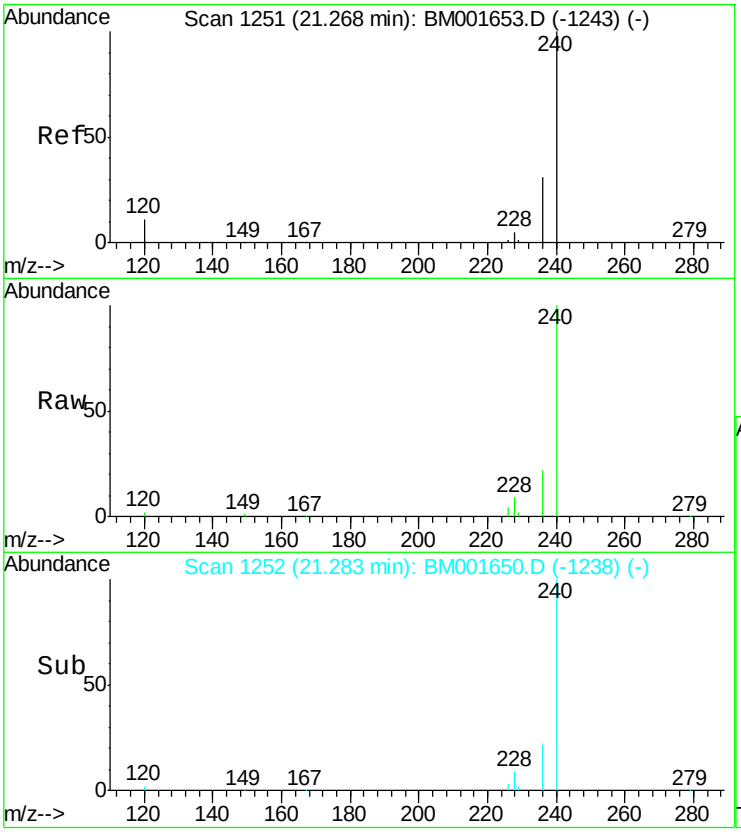


#23
Anthracene
Concen: 16.63 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:178 Resp: 162076

Ion	Ratio	Lower	Upper
178	100		
176	0.0	0.0	0.0
179	26.6	21.4	32.0





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.02 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:240 Resp: 67948

Ion	Ratio	Lower	Upper
240	100		
120	1.8	8.9	13.3#
236	22.4	24.6	36.8#

Instrument :
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ClientSampleId :
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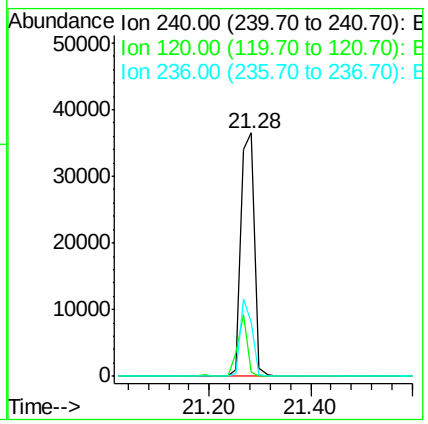
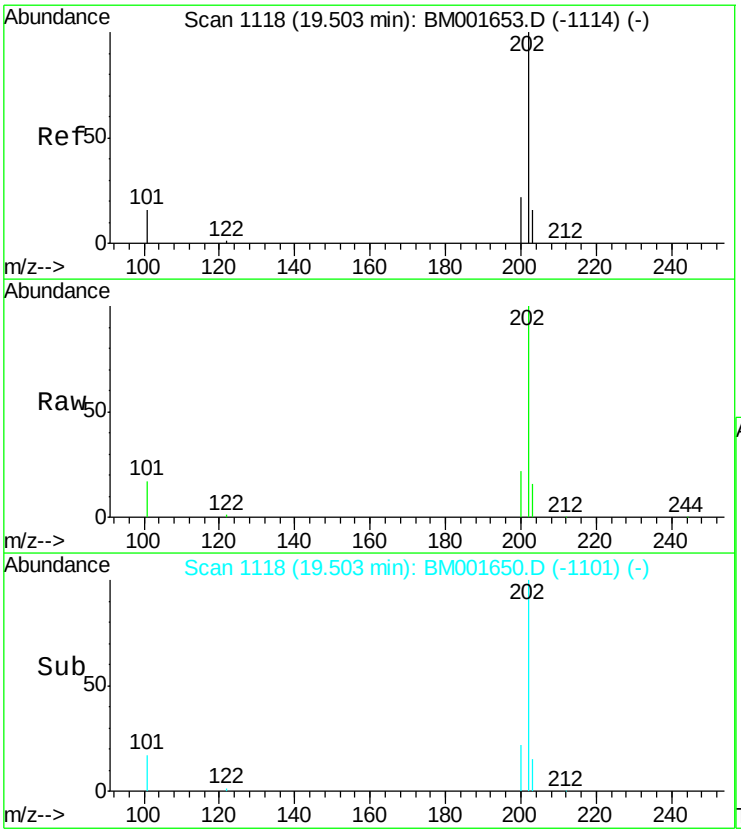
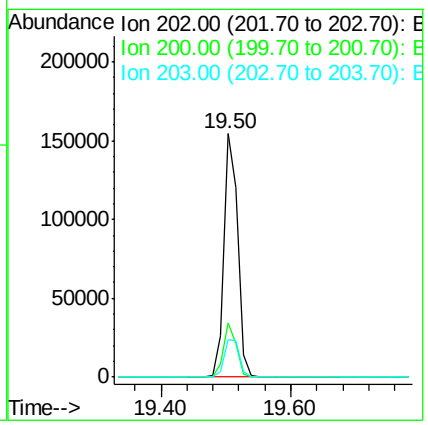


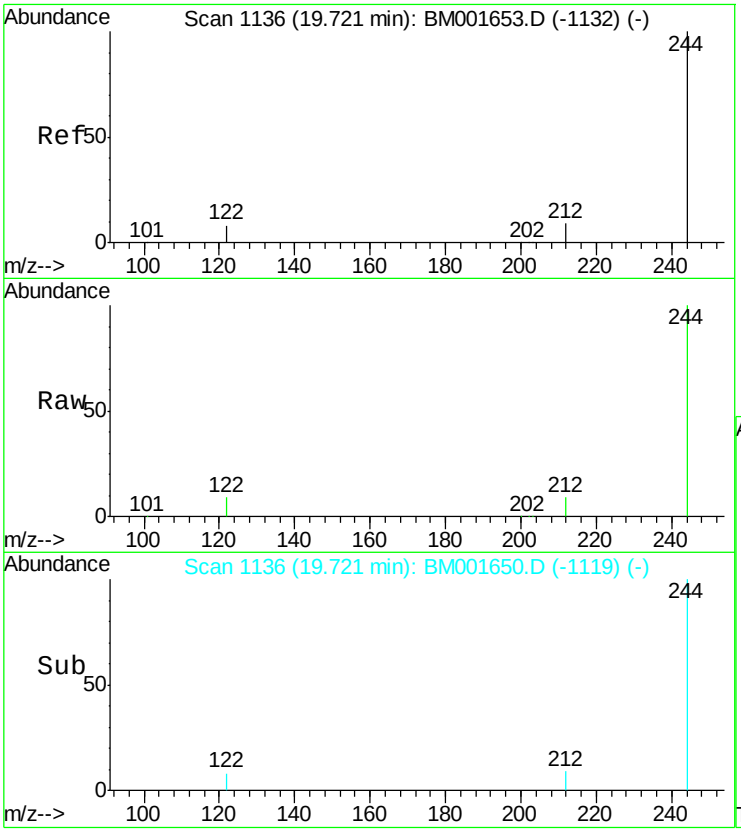


#26
Pyrene
Concen: 10.41 ng
RT: 19.50 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:202 Resp: 231204

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.3	13.8	20.8





#27
Terphenyl-d14
Concen: 10.96 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:244 Resp: 99297

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.7	11.5
122	8.9	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
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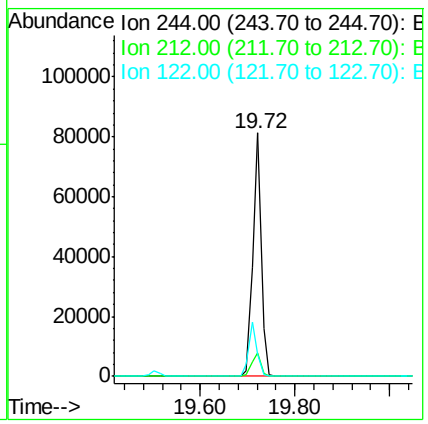
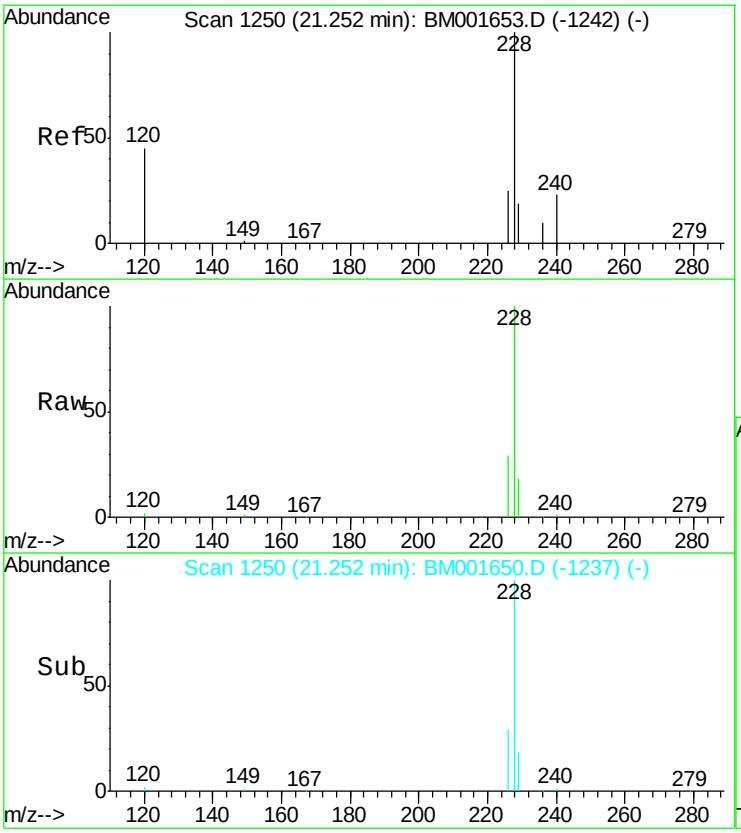
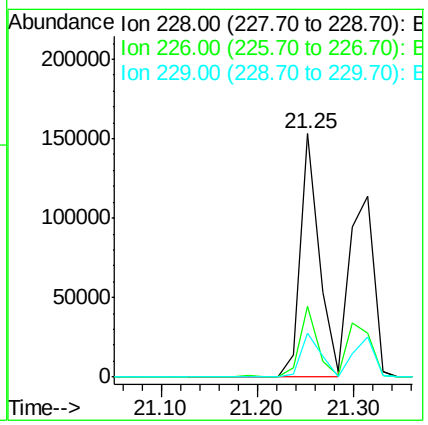


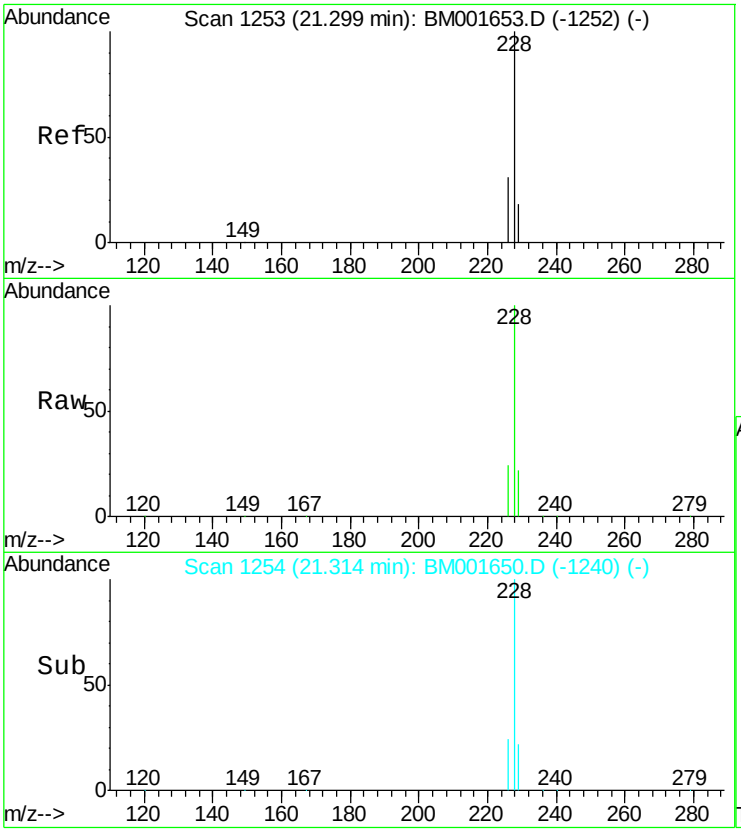


#28
Benzo(a)anthracene
Concen: 10.34 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:228 Resp: 207649

Ion	Ratio	Lower	Upper
228	100		
226	28.9	20.2	30.4
229	17.9	15.7	23.5





#29
Chrysene
Concen: 10.48 ng m
RT: 21.31 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:228 Resp: 198431

Ion	Ratio	Lower	Upper
228	100		
226	24.1	25.8	38.8#
229	22.4	14.1	21.1#

Instrument :
BNA_M
ClientSampleId :
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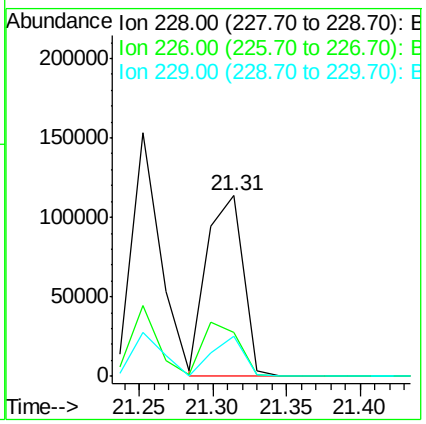
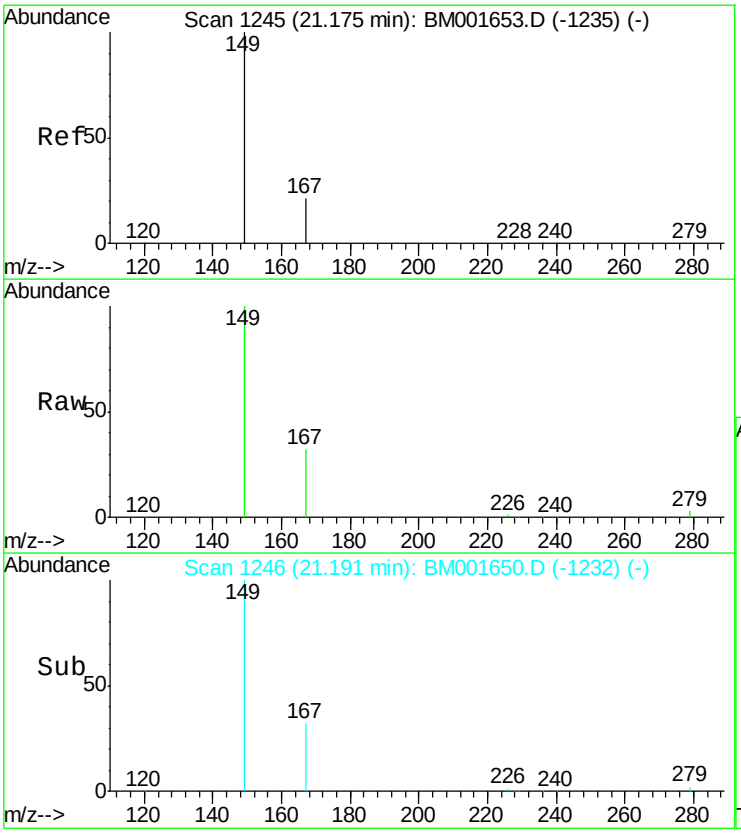
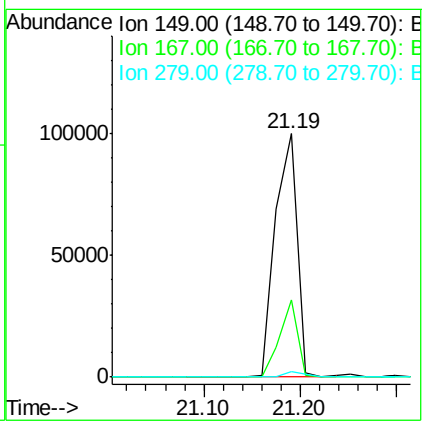


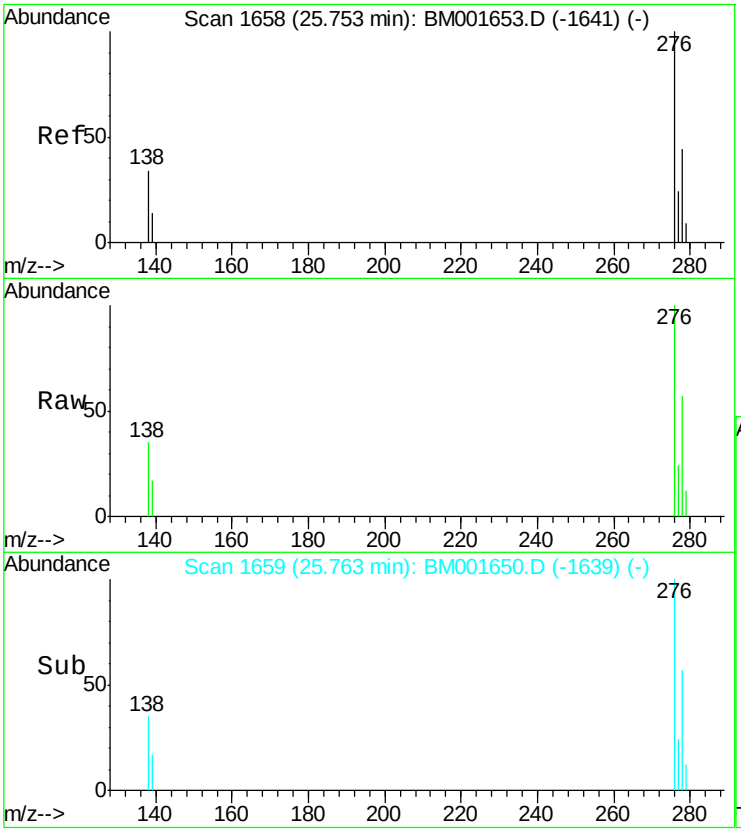


#30
Bis(2-ethylhexyl)phthalate
Concen: 13.64 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.02 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:149 Resp: 158980

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.2
279	2.1	1.7	2.5

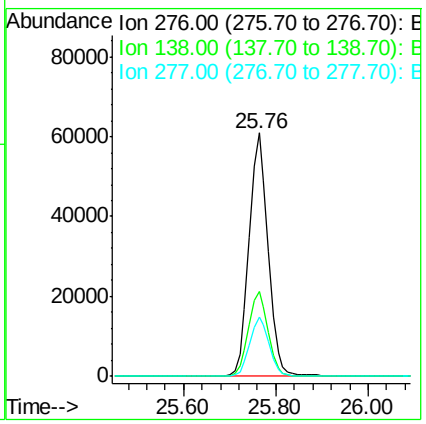




#31
Indeno(1,2,3-cd)pyrene
Concen: 9.41 ng
RT: 25.76 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:276 Resp: 174415

Ion	Ratio	Lower	Upper
276	100		
138	36.0	28.8	43.2
277	24.7	19.6	29.4



Instrument :
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ClientSampleId :
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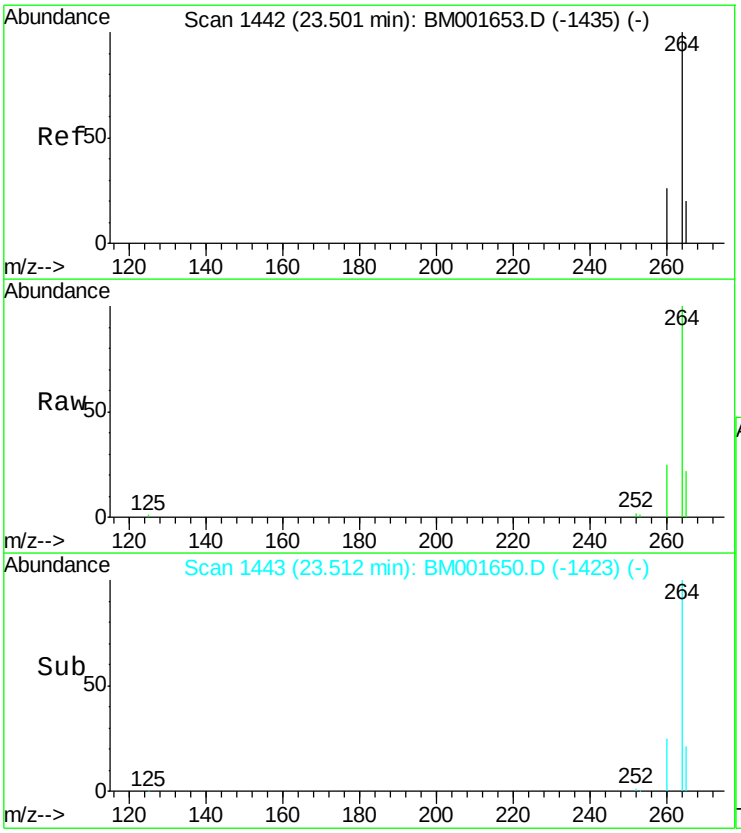
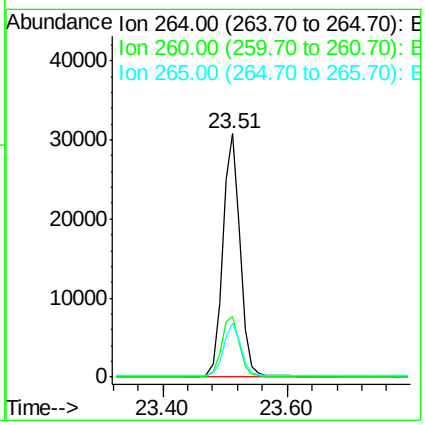
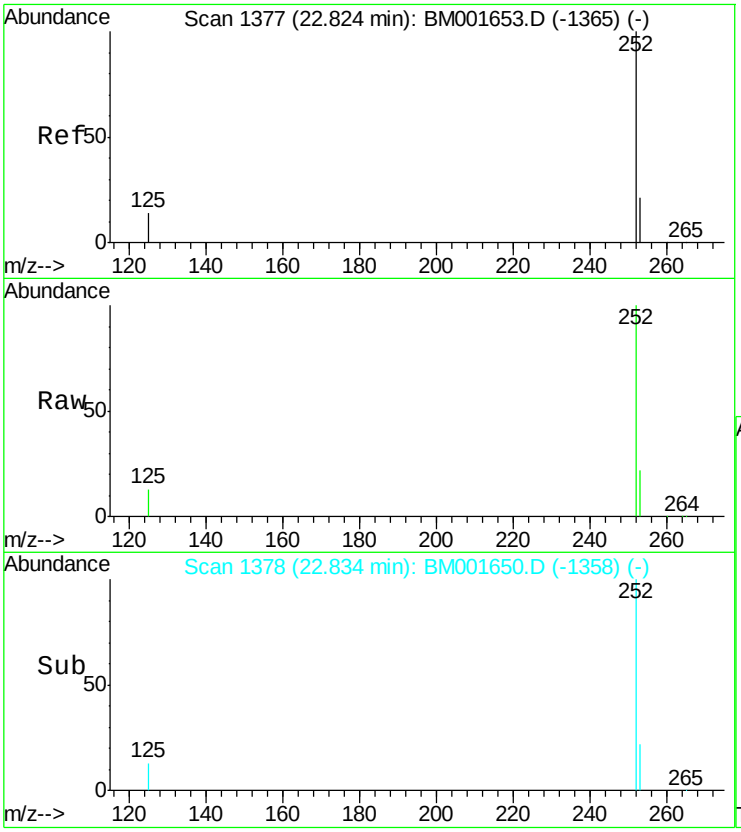


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:264 Resp: 59280

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.8	31.2
265	22.0	16.9	25.3

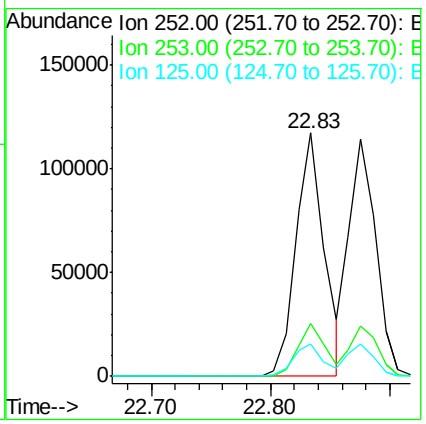




#33
Benzo(b)fluoranthene
Concen: 10.79 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:252 Resp: 193831

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	13.2	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
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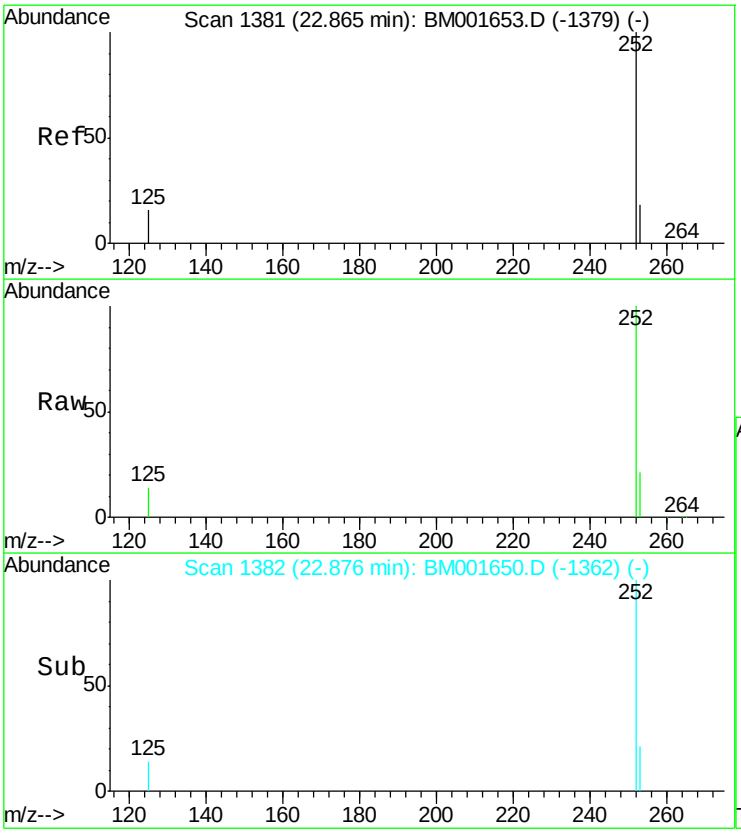
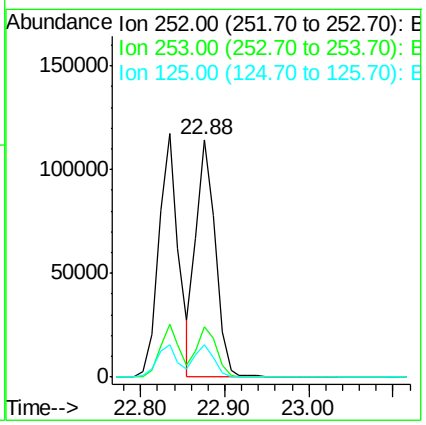
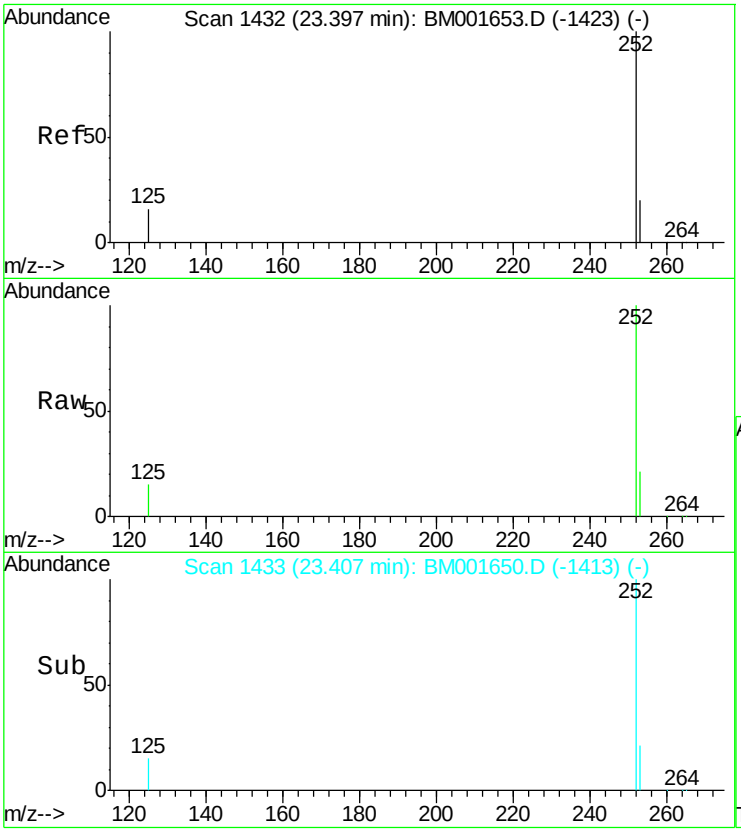


#34
Benzo(k)fluoranthene
Concen: 10.34 ng
RT: 22.88 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:252 Resp: 179100

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	13.9	12.5	18.7

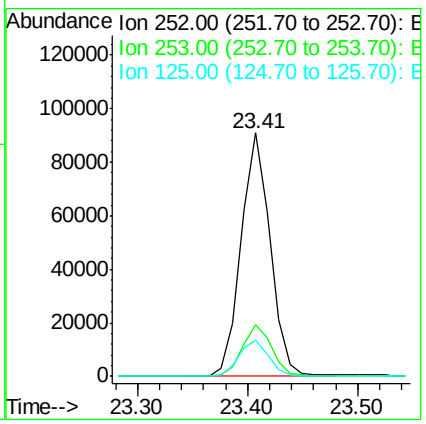




#35
Benzo(a)pyrene
Concen: 10.58 ng
RT: 23.41 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:252 Resp: 166372

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	15.0	14.0	21.0



Instrument :
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ClientSampleId :
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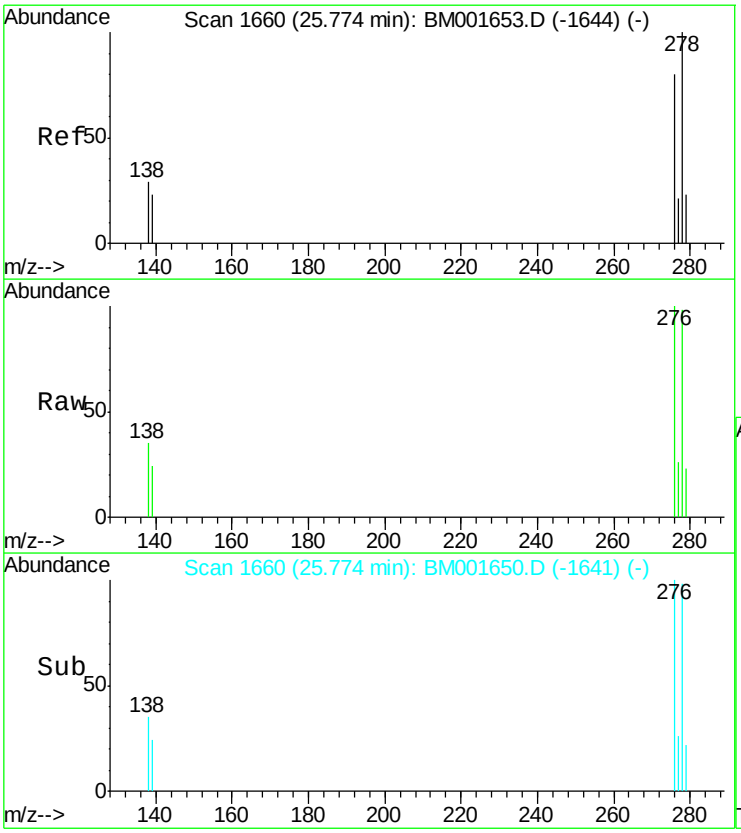
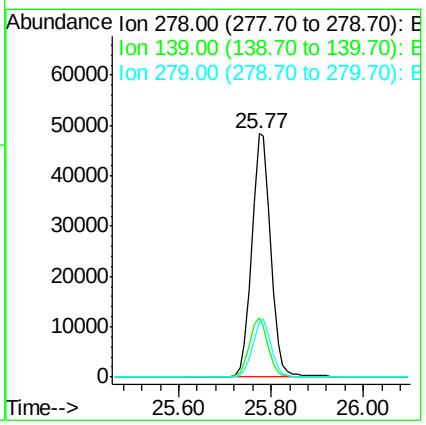
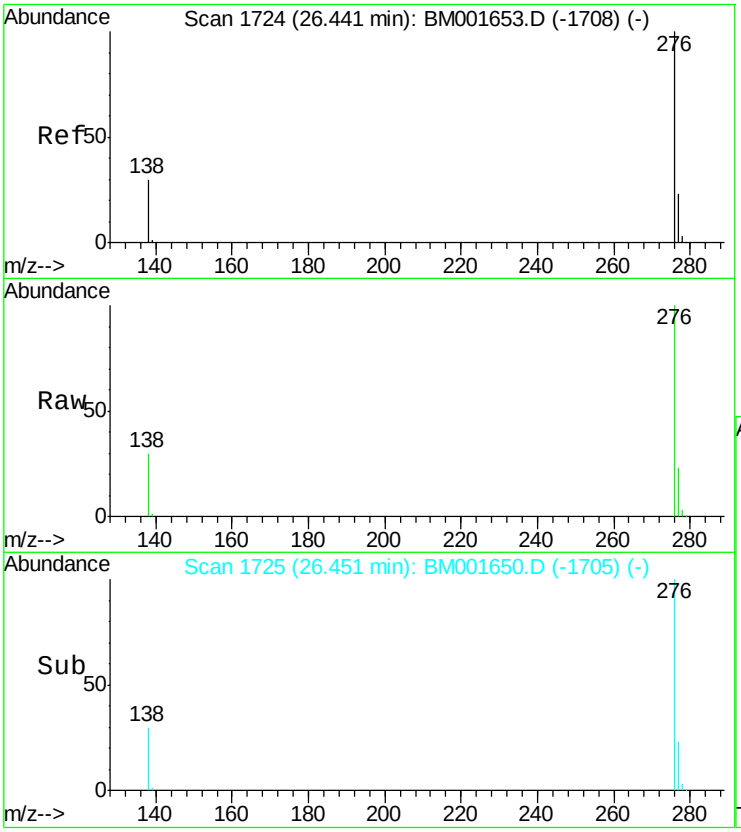


#36
Dibenzo(a,h)anthracene
Concen: 9.69 ng
RT: 25.77 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:278 Resp: 137411

Ion	Ratio	Lower	Upper
278	100		
139	24.6	19.1	28.7
279	22.9	19.7	29.5

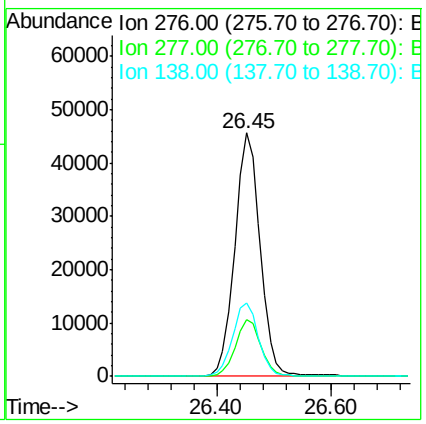




#37
Benzo(g,h,i)perylene
Concen: 9.13 ng
RT: 26.45 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:276 Resp: 139456

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	30.4	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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