Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
Data File : BM001770.D
Acq On : 22 Jun 2015 12:00
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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Quant Time: Jun 23 04:06:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	19696	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	70707	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	33391	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	79086	5.00	ng		0.00
25) Chrysene-d12	21.25	240	54484	5.00	ng		0.00
32) Perylene-d12	23.47	264	48217	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	4716	1.02	ng		0.00
5) Phenol-d6	6.83	99	5998	1.01	ng		0.00
7) Nitrobenzene-d5	8.83	82	5651	1.02	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	1097	1.05	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	11956	1.00	ng		0.00
27) Terphenyl-d14	19.70	244	8010	1.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	2256	1.01	ng		96
3) n-Nitrosodimethylamine	3.48	42	3669	1.06	ng		95
8) Nitrobenzene	8.87	77	6097	1.03	ng		100
9) Naphthalene	10.49	128	17115	0.99	ng		100
10) Hexachlorobutadiene	10.78	225	2917	1.00	ng		98
11) 2-Methylnaphthalene	12.12	142	10890	0.99	ng		98
15) Acenaphthylene	14.03	152	15766	0.99	ng		100
16) Acenaphthene	14.37	154	9809	0.99	ng		99
17) Fluorene	15.36	166	8774	1.03	ng		99
19) 4-Bromophenyl-phenylether	16.24	248	3402	1.05	ng		94
20) Hexachlorobenzene	16.38	284	2101	0.94	ng	#	100
21) Pentachlorophenol	16.72	266	1223	1.23	ng		98
22) Phenanthrene	17.09	178	26136	0.96	ng		99
23) Anthracene	17.19	178	11407m	1.00	ng		
24) Fluoranthene	19.12	202	17735	1.04	ng		100
26) Pyrene	19.49	202	18675	0.98	ng		100
28) Benzo(a)anthracene	21.24	228	15753	0.96	ng		98
29) Chrysene	21.28	228	16646	0.96	ng		98
30) Bis(2-ethylhexyl)phthalate	21.16	149	8884	0.94	ng		99
31) Indeno(1,2,3-cd)pyrene	25.70	276	16156	0.97	ng		100
33) Benzo(b)fluoranthene	22.80	252	15305	0.97	ng		99
34) Benzo(k)fluoranthene	22.84	252	14417	1.02	ng		99
35) Benzo(a)pyrene	23.38	252	13337	1.00	ng		97
36) Dibenzo(a,h)anthracene	25.72	278	12921	0.98	ng		99
37) Benzo(g,h,i)perylene	26.39	276	13599	0.98	ng		99

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

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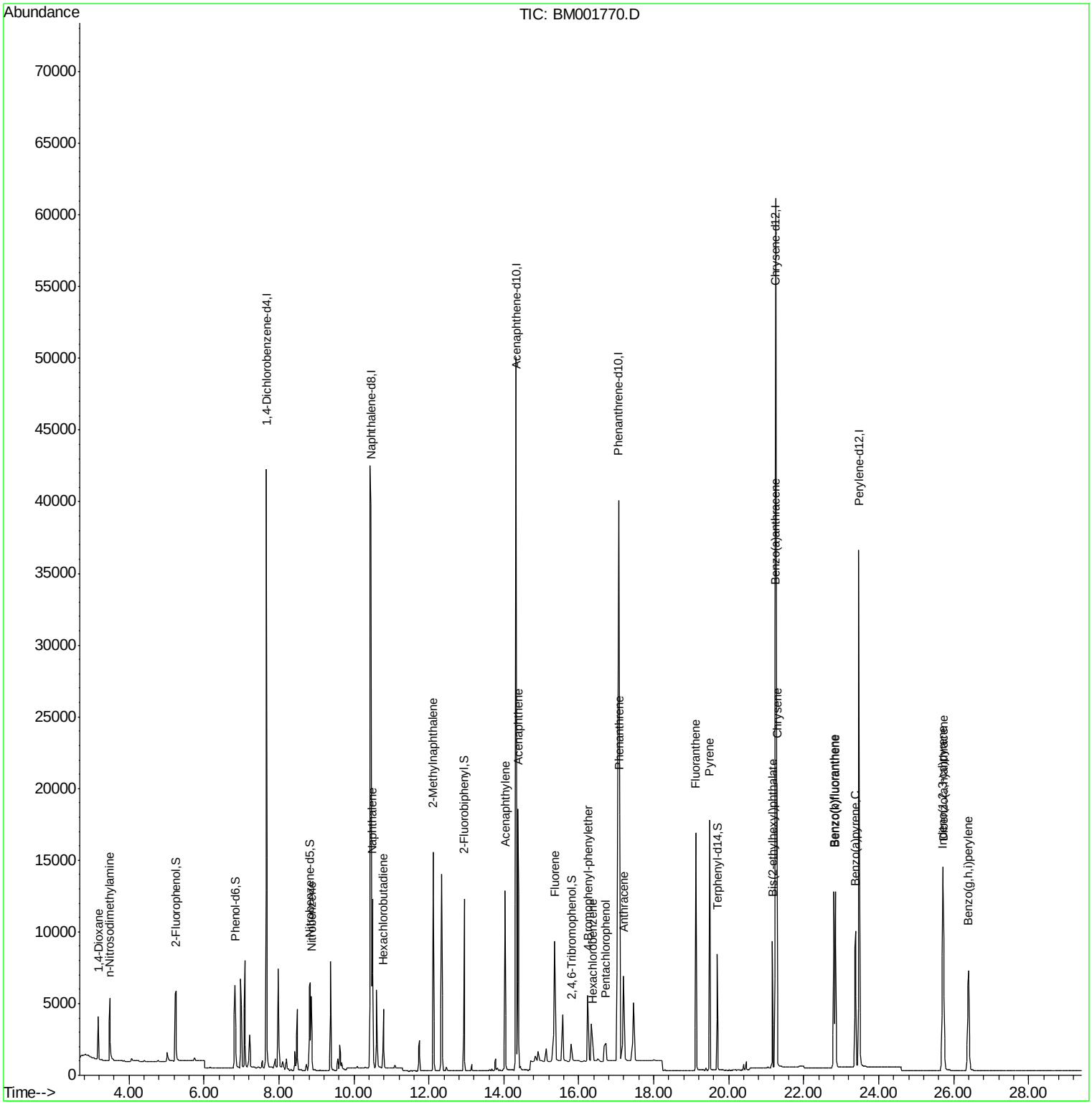
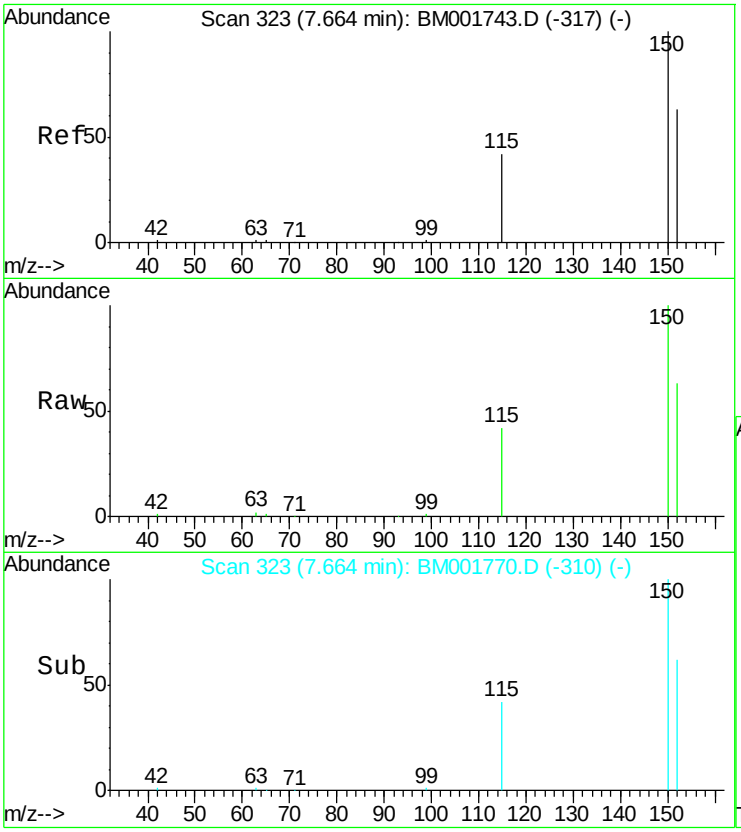
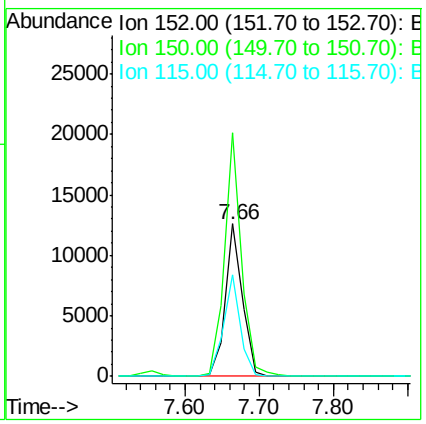




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:152 Resp: 19696

Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.5	191.3
115	66.9	53.2	79.8



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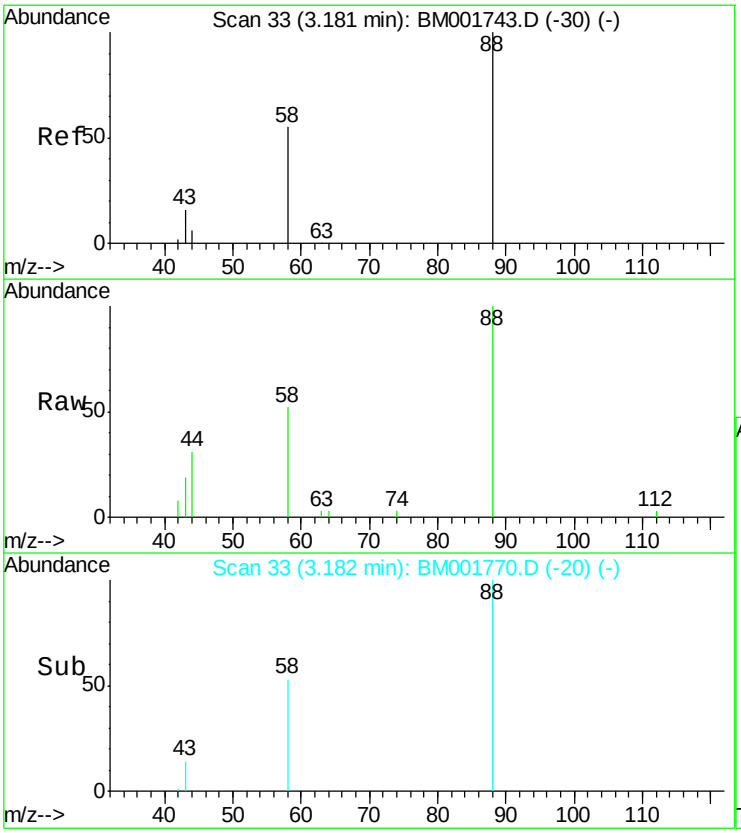
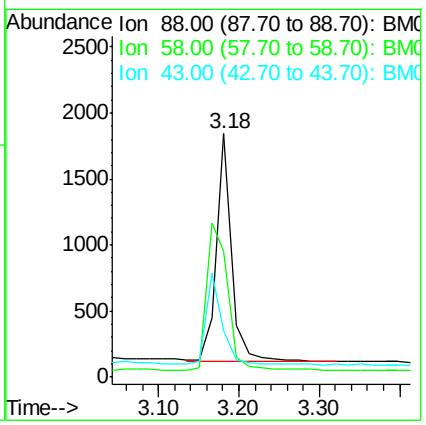
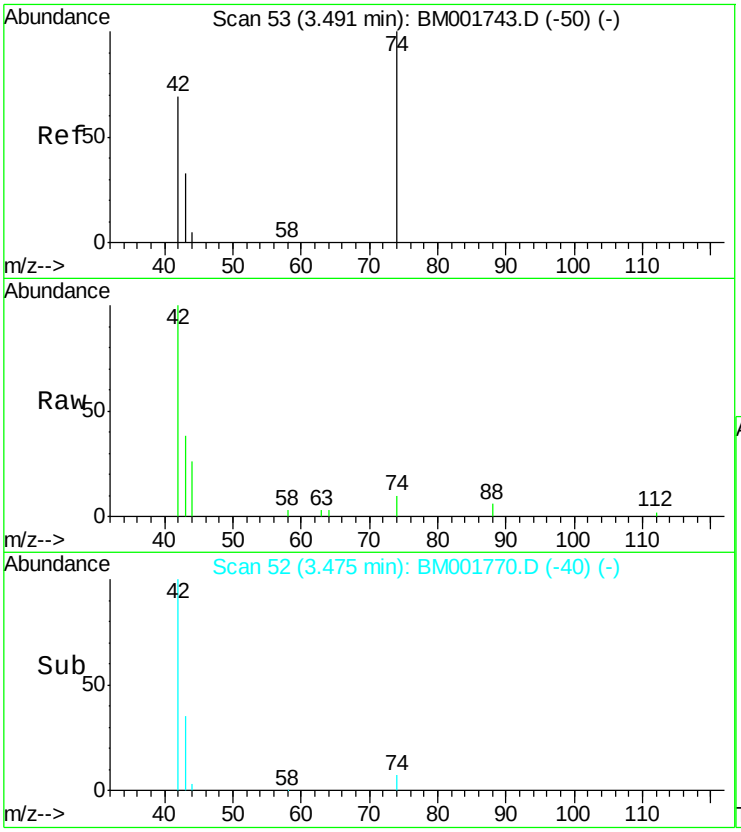


#2
1,4-Dioxane
Concen: 1.01 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion: 88 Resp: 2256

Ion	Ratio	Lower	Upper
88	100		
58	89.1	68.3	102.5
43	43.1	32.6	48.8

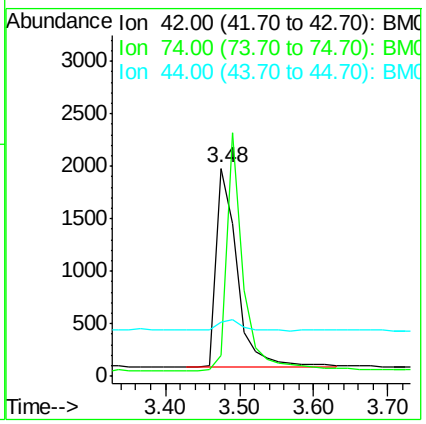




#3
n-Nitrosodimethylamine
Concen: 1.06 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion: 42 Resp: 3669

Ion	Ratio	Lower	Upper
42	100		
74	93.4	78.6	118.0
44	6.0	5.0	7.6



Instrument :
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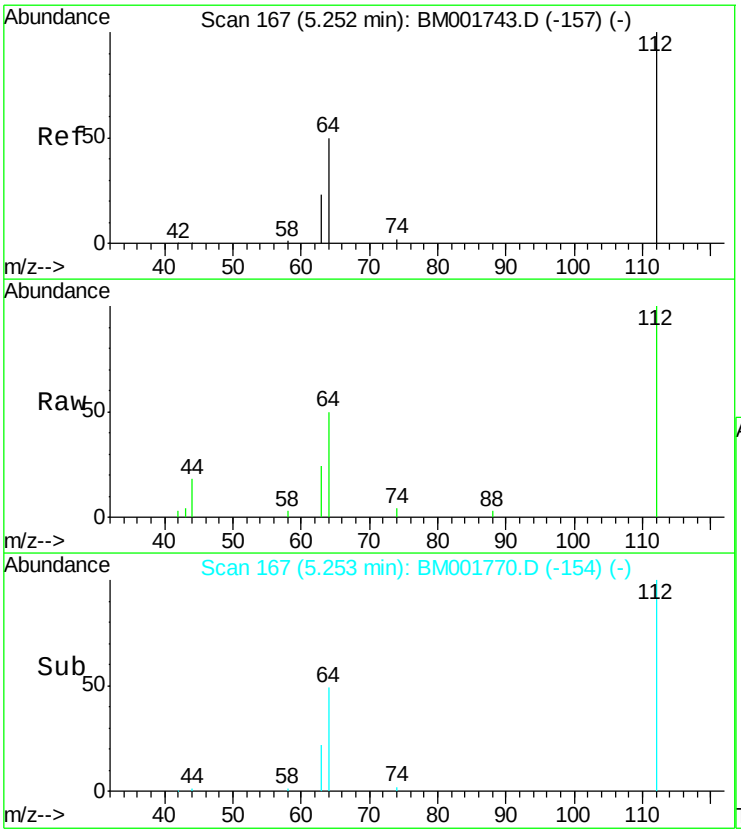
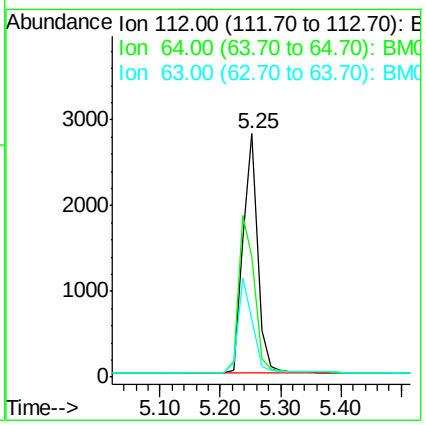
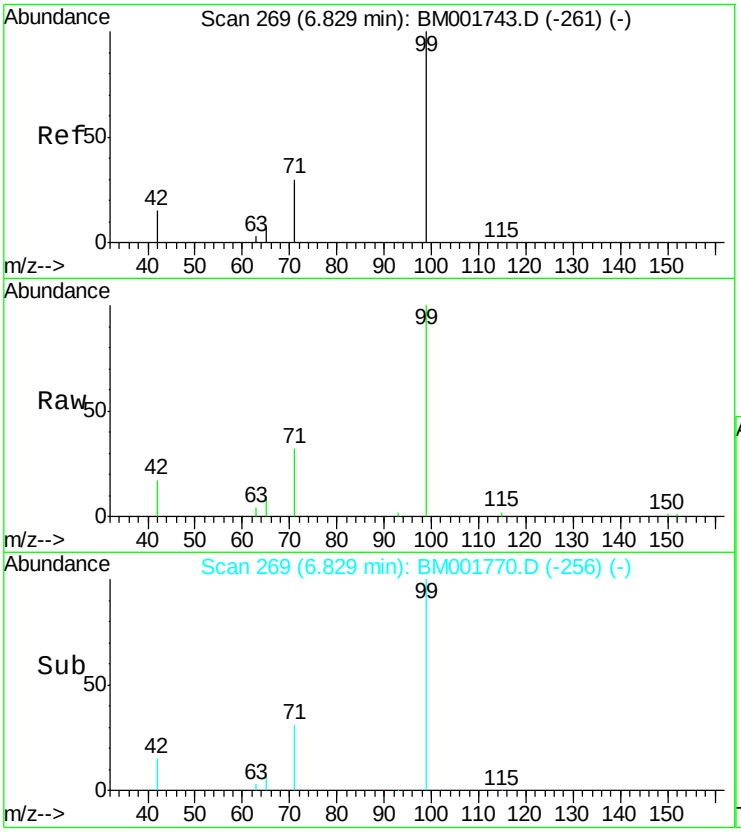


#4
2-Fluorophenol
Concen: 1.02 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:112 Resp: 4716

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.6	83.4
63	39.2	30.2	45.2

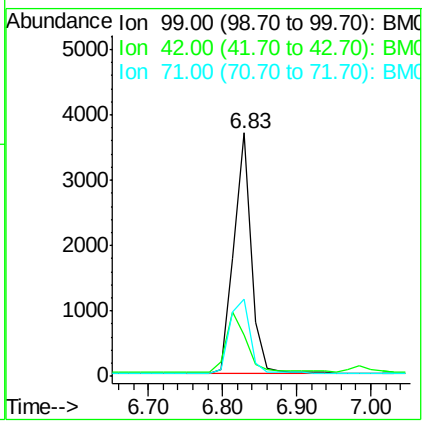




#5
Phenol-d6
Concen: 1.01 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion: 99 Resp: 5998

Ion	Ratio	Lower	Upper
99	100		
42	27.5	21.4	32.0
71	36.4	28.3	42.5



Instrument :
BNA_M
ClientSampleId :
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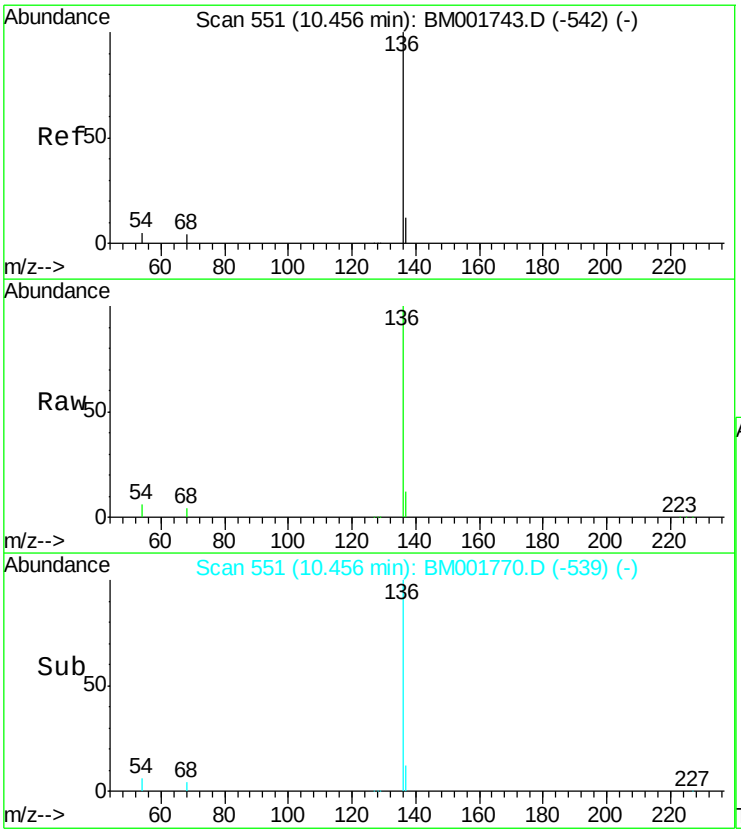
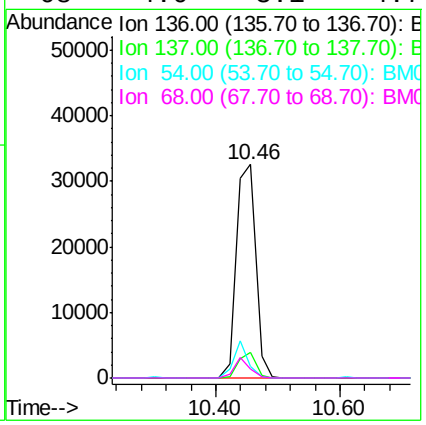
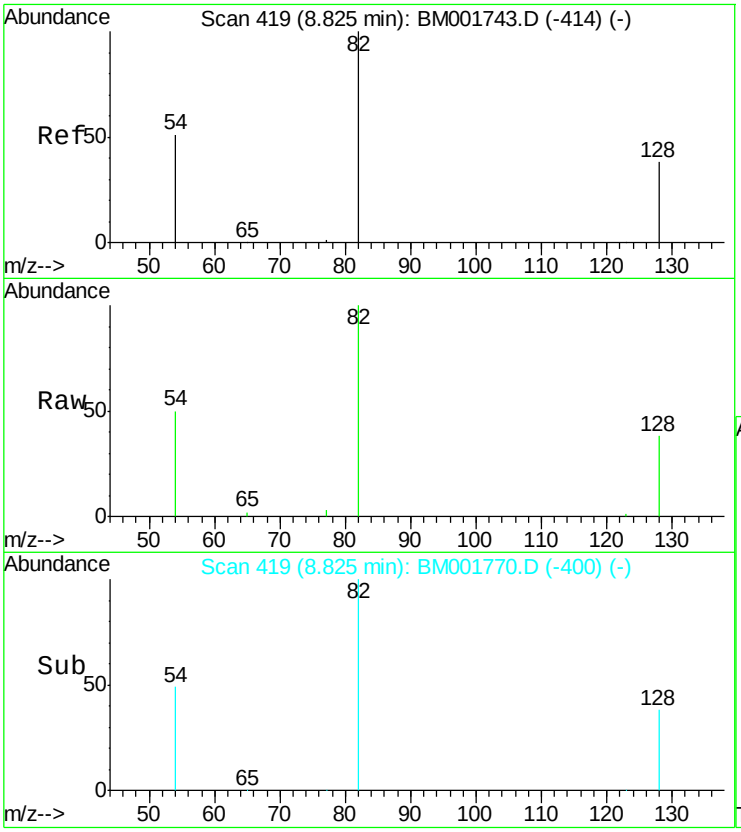


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:136 Resp: 70707

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	5.7	4.4	6.6
68	4.0	3.1	4.7

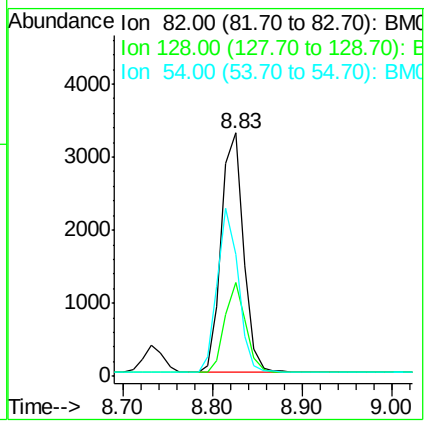




#7
Nitrobenzene-d5
Concen: 1.02 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion: 82 Resp: 5651

Ion	Ratio	Lower	Upper
82	100		
128	38.4	31.3	46.9
54	49.9	41.9	62.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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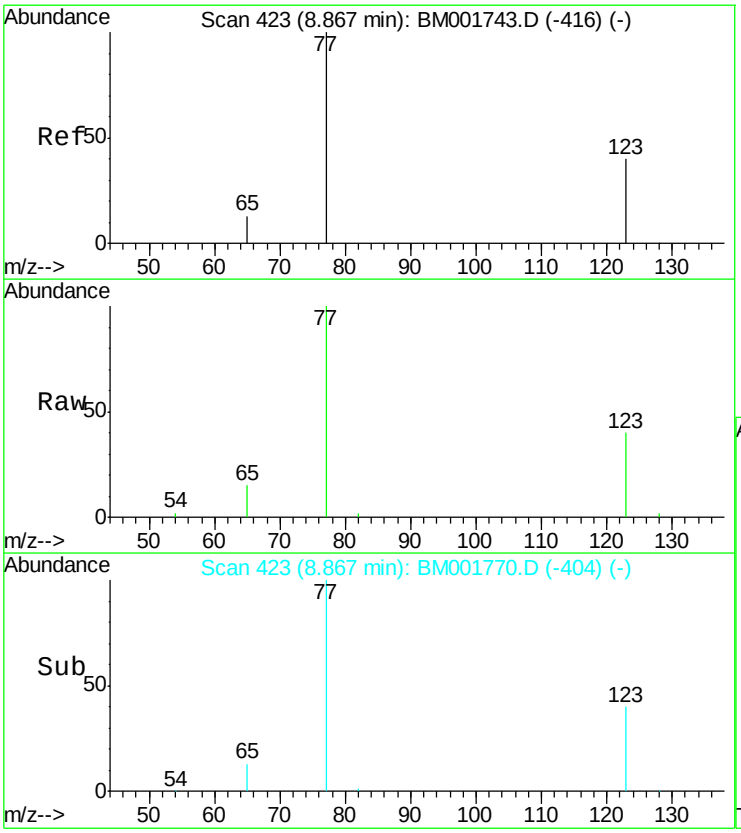
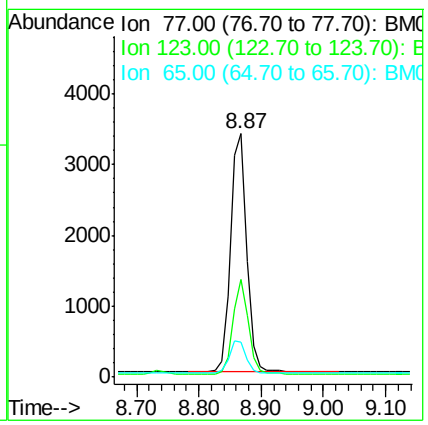
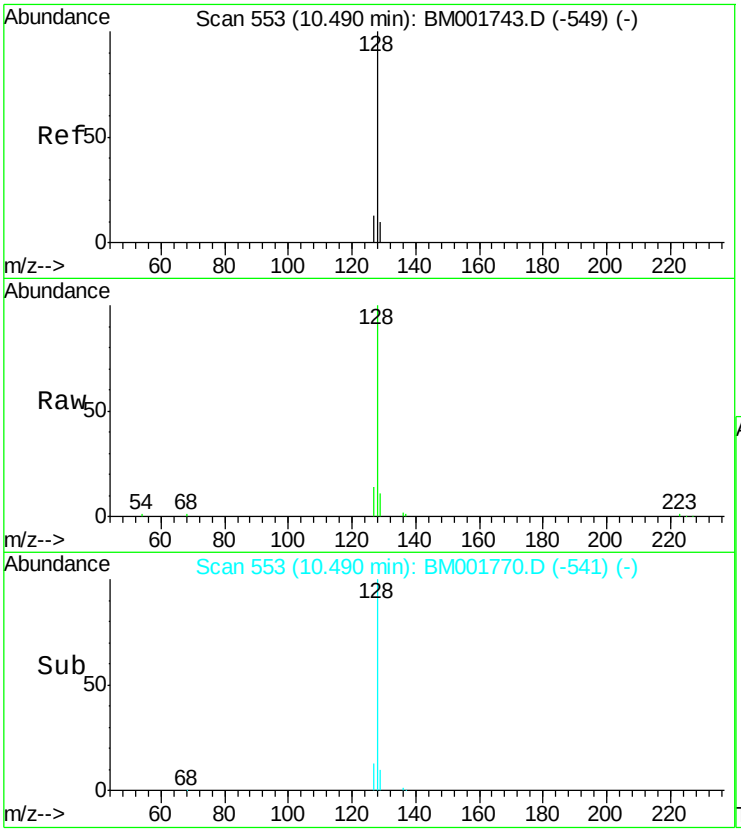


#8
Nitrobenzene
Concen: 1.03 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion: 77 Resp: 6097

Ion	Ratio	Lower	Upper
77	100		
123	37.6	30.1	45.1
65	14.3	11.3	16.9

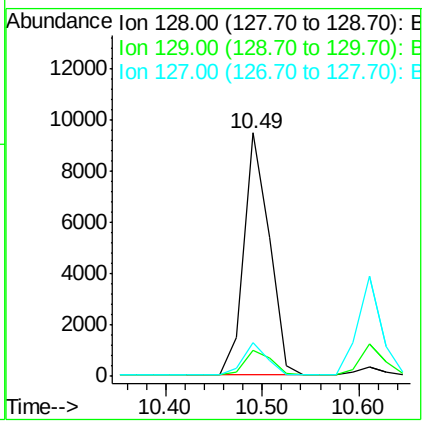




#9
Naphthalene
Concen: 0.99 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:128 Resp: 17115

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.9	11.2	16.8



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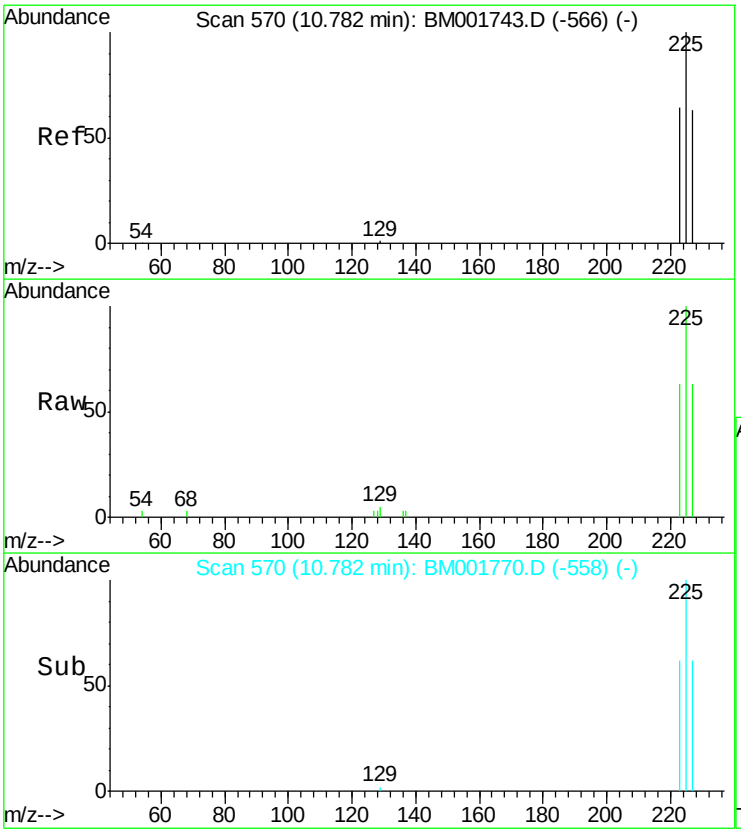
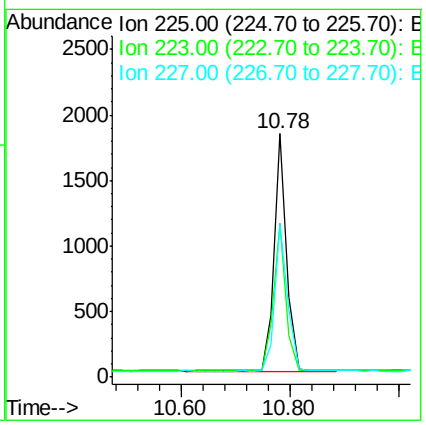
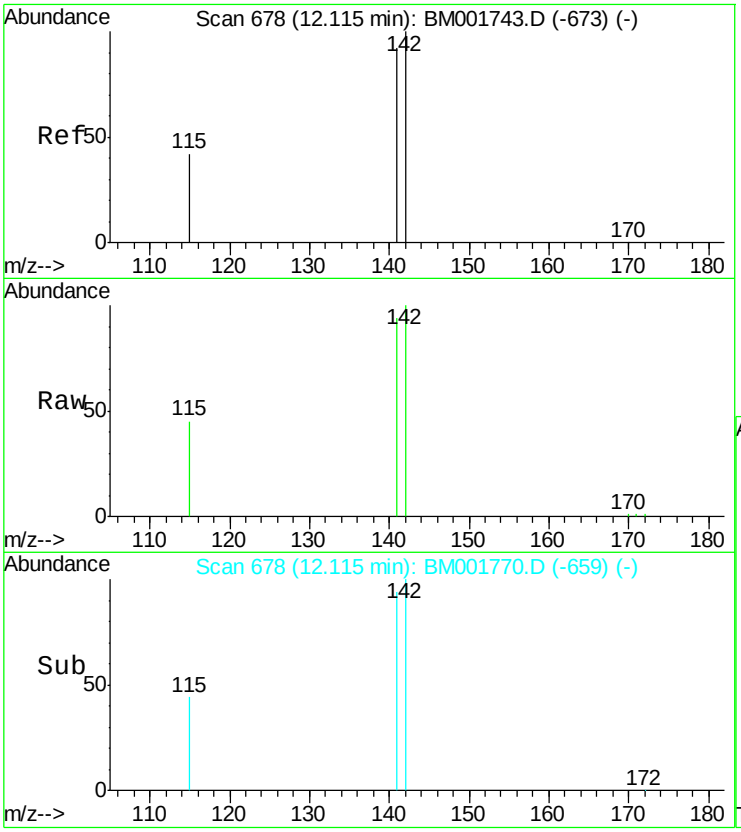


#10
Hexachlorobutadiene
Concen: 1.00 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:225 Resp: 2917

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.4
227	63.7	51.8	77.8

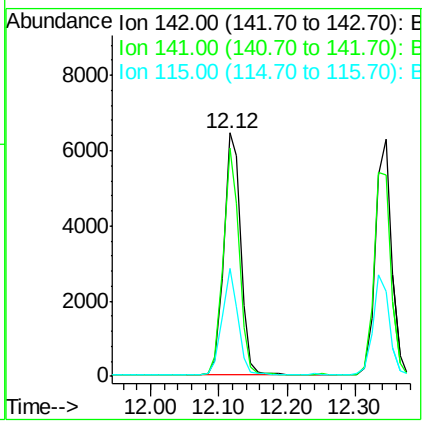




#11
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:142 Resp: 10890

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.6	110.4
115	44.6	34.1	51.1



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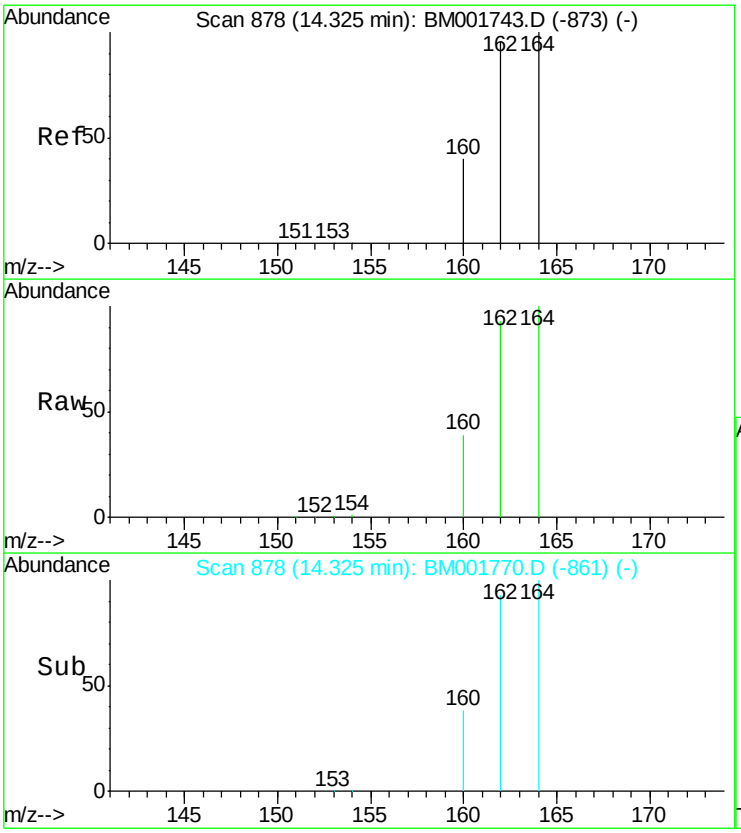
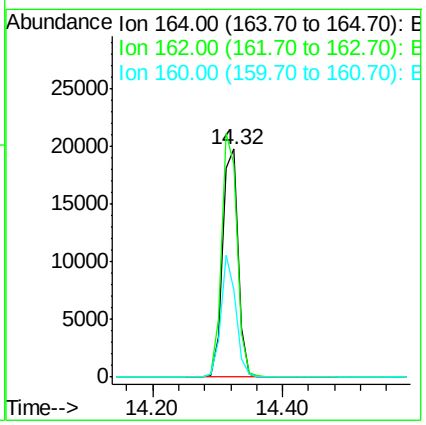
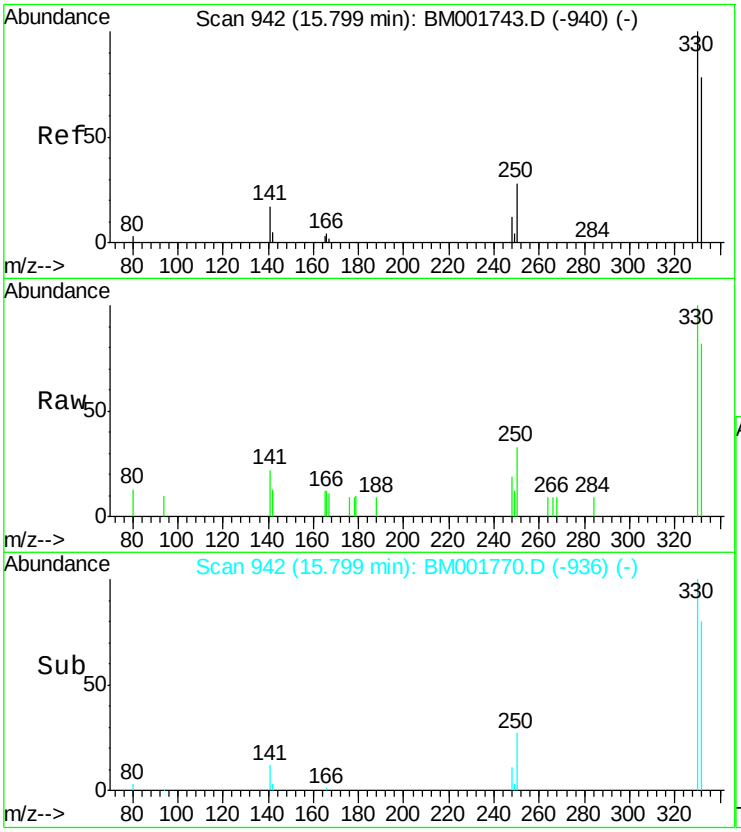


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:164 Resp: 33391

Ion	Ratio	Lower	Upper
164	100		
162	93.3	76.6	114.8
160	38.6	31.8	47.8

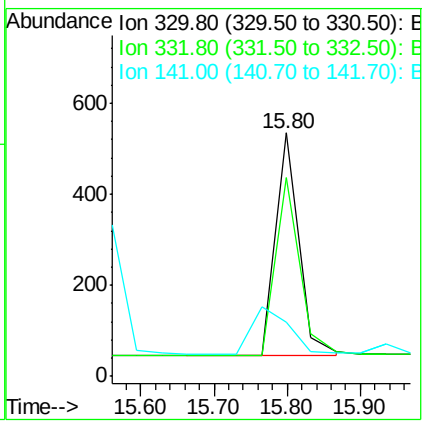




#13
2,4,6-Tribromophenol
Concen: 1.05 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:330 Resp: 1097

Ion	Ratio	Lower	Upper
330	100		
332	83.2	65.8	98.8
141	0.0	0.0	0.0



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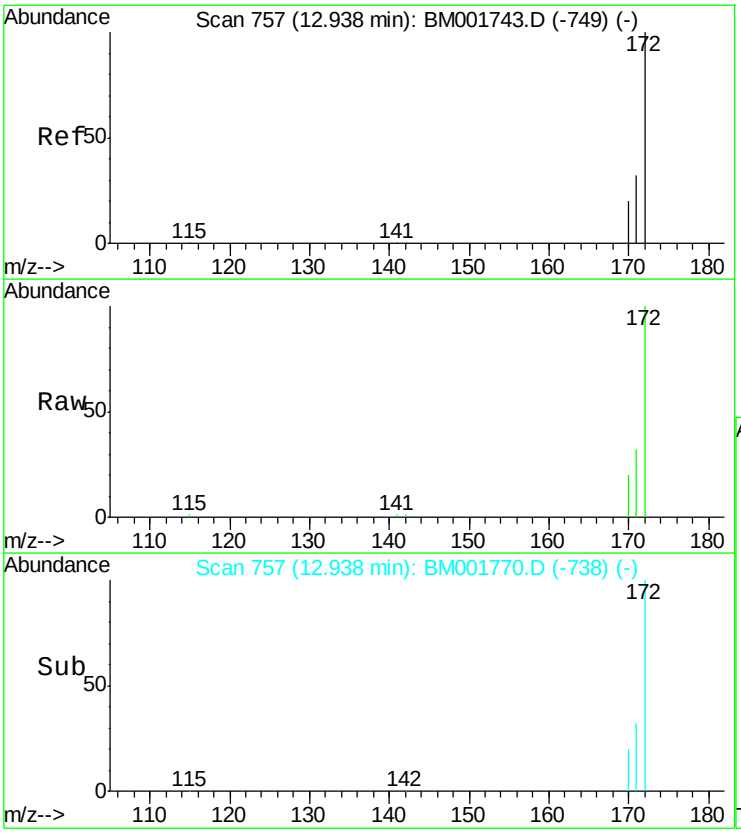
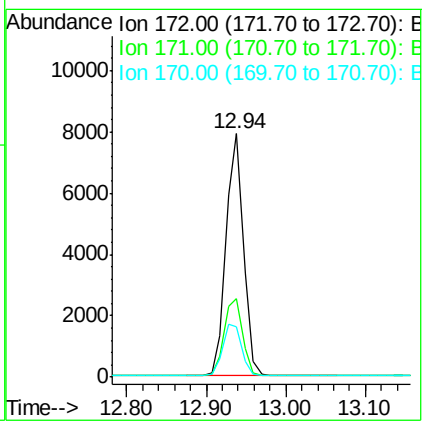
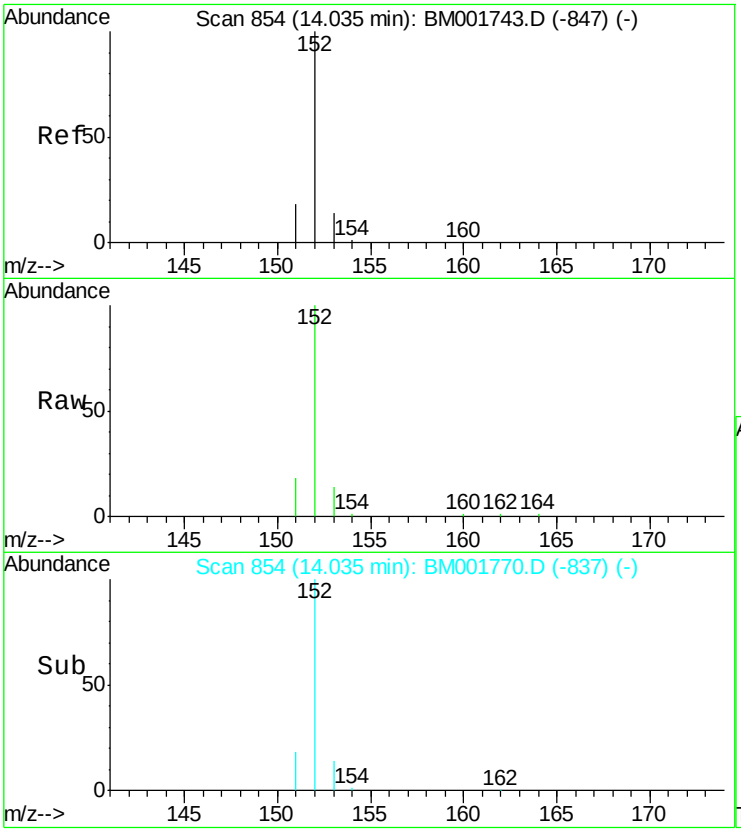


#14
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:172 Resp: 11956

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.2	39.2
170	20.5	16.6	24.8

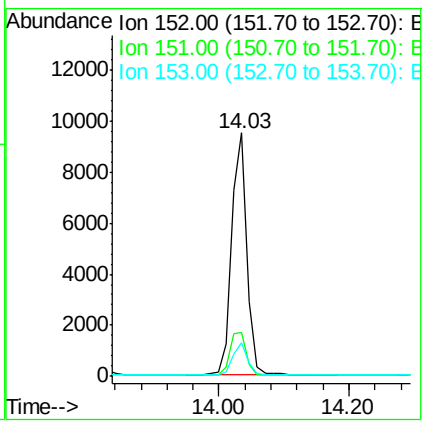




#15
Acenaphthylene
Concen: 0.99 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:152 Resp: 15766

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6



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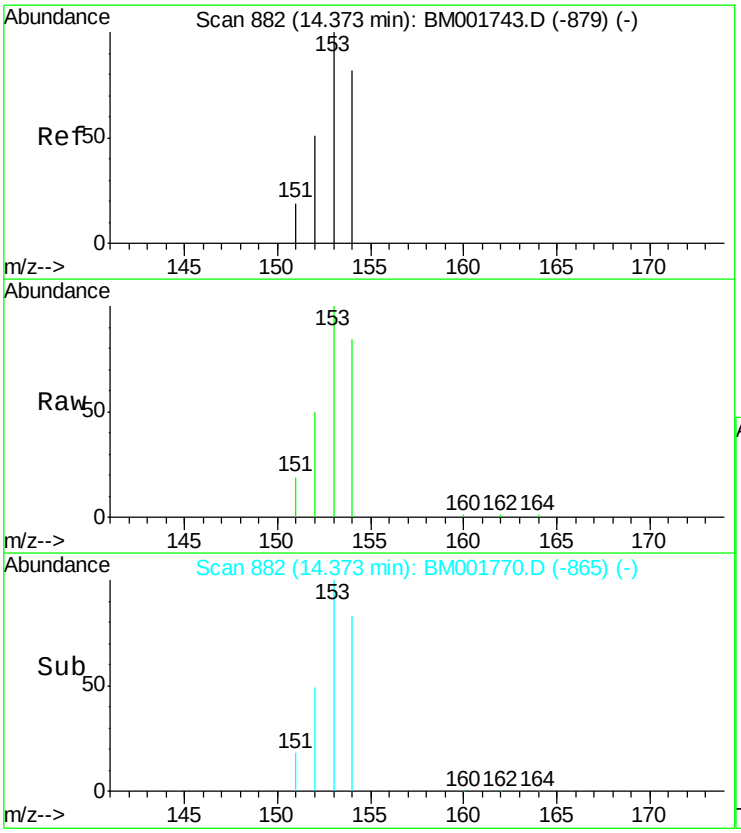
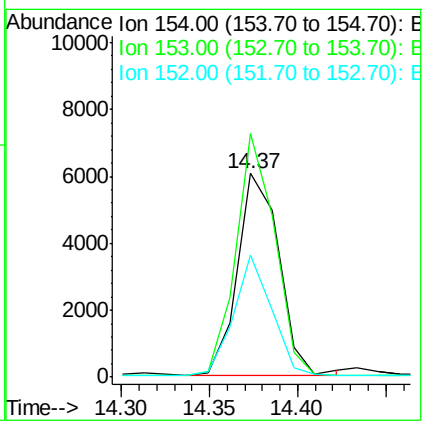
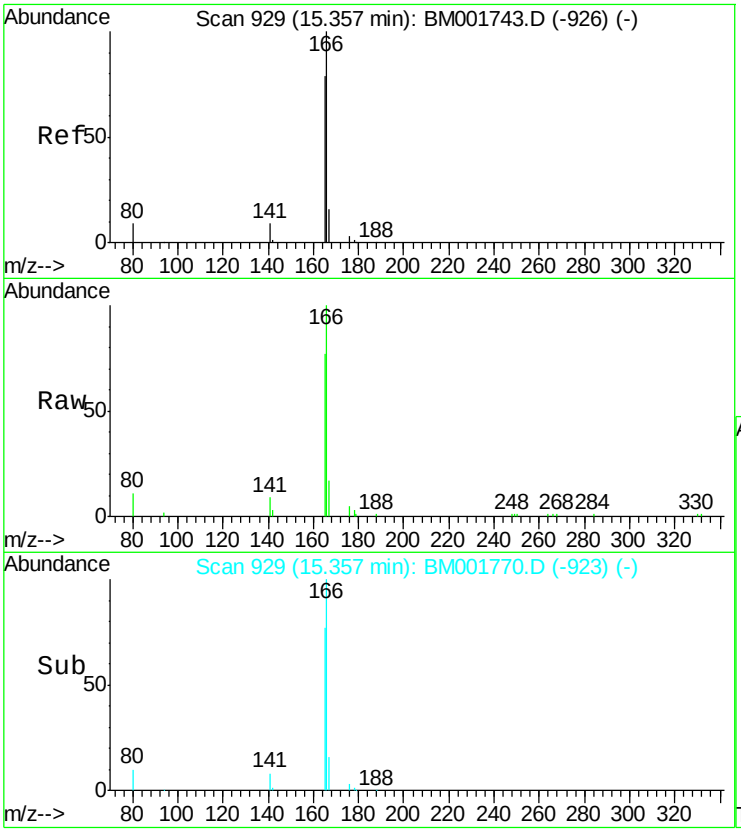


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:154 Resp: 9809

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.0	135.0
152	54.6	44.2	66.4

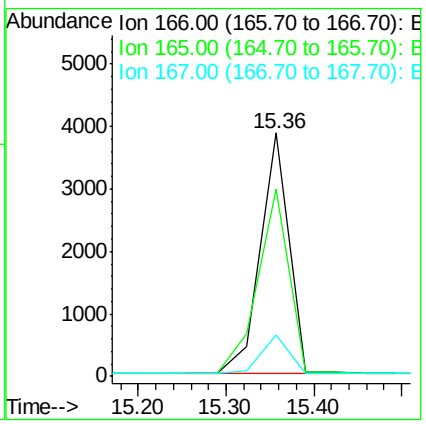




#17
Fluorene
Concen: 1.03 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:166 Resp: 8774

Ion	Ratio	Lower	Upper
166	100		
165	84.3	68.2	102.2
167	15.3	12.2	18.2



Instrument :
BNA_M
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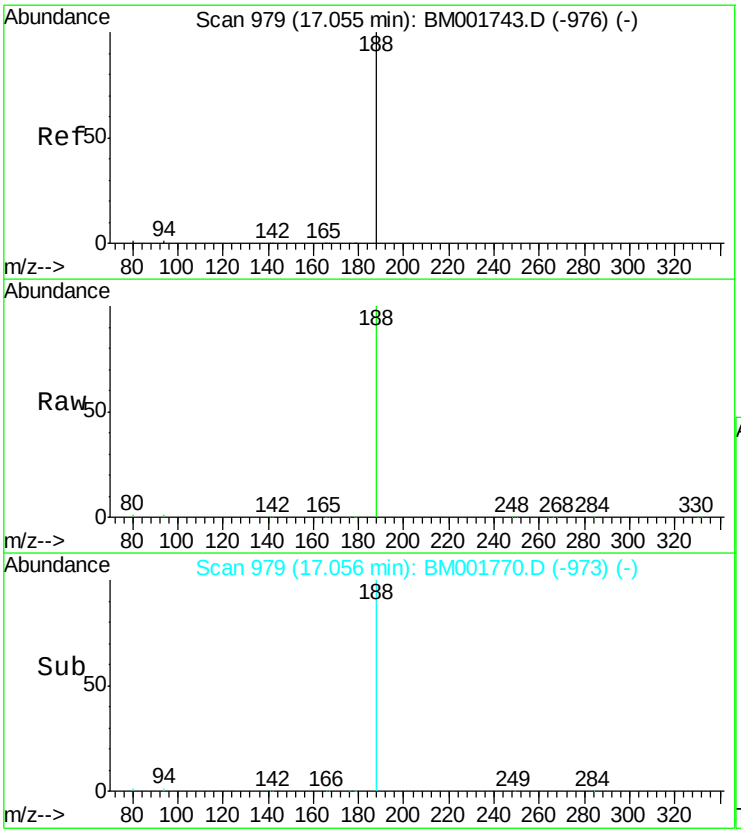
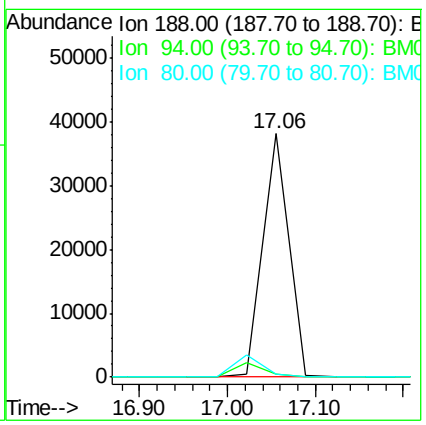
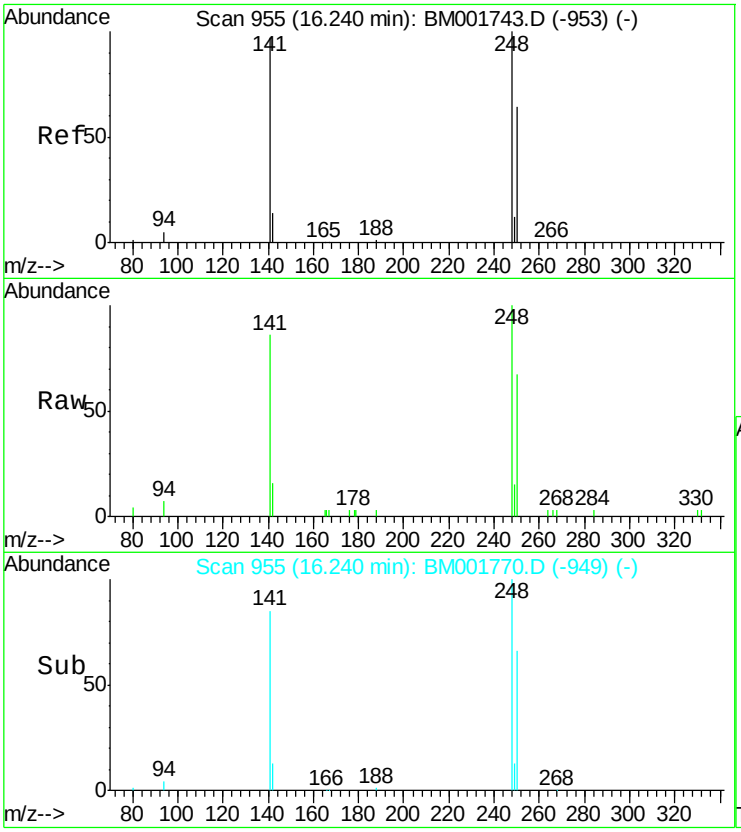


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:188 Resp: 79086

Ion	Ratio	Lower	Upper
188	100		
94	1.4	1.3	1.9
80	1.2	1.0	1.6

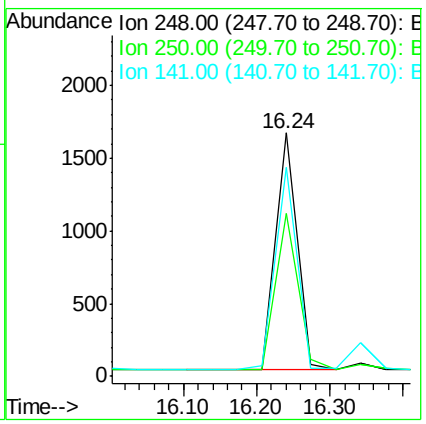




#19
4-Bromophenyl-phenylether
Concen: 1.05 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:248 Resp: 3402

Ion	Ratio	Lower	Upper
248	100		
250	68.6	54.8	82.2
141	85.7	76.2	114.4



Instrument :
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ClientSampleId :
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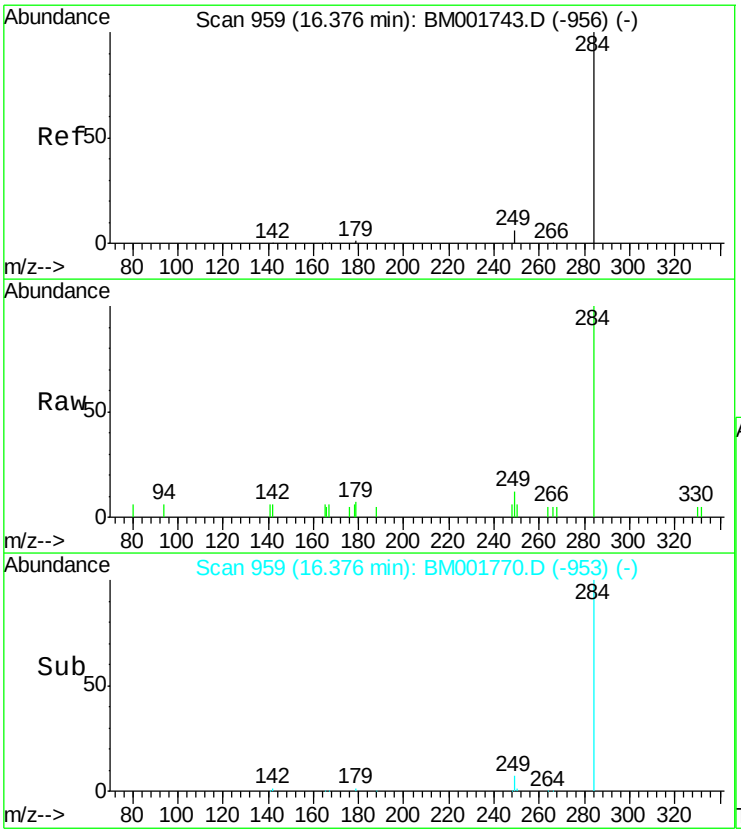
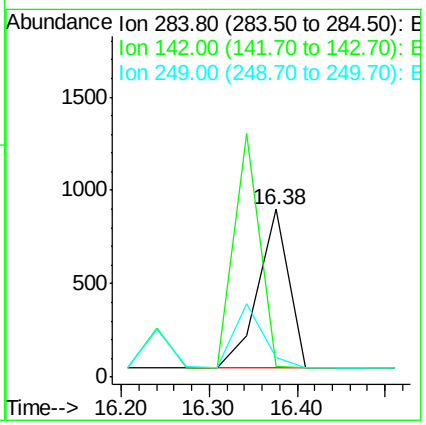
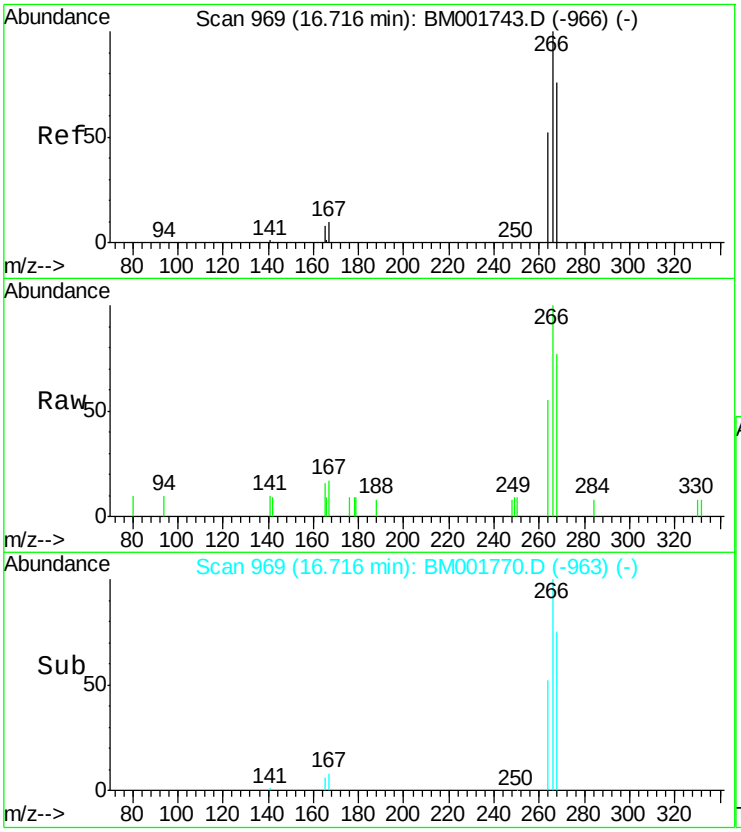


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:284 Resp: 2101

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

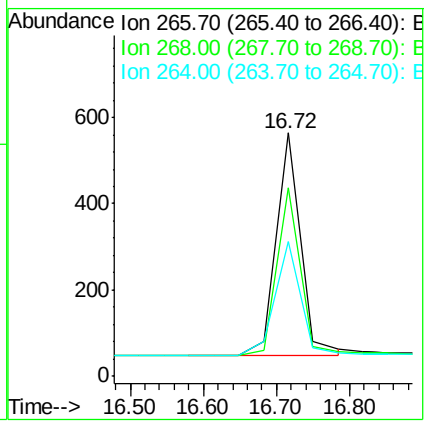




#21
Pentachlorophenol
Concen: 1.23 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:266 Resp: 1223

Ion	Ratio	Lower	Upper
266	100		
268	77.5	63.2	94.8
264	55.5	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
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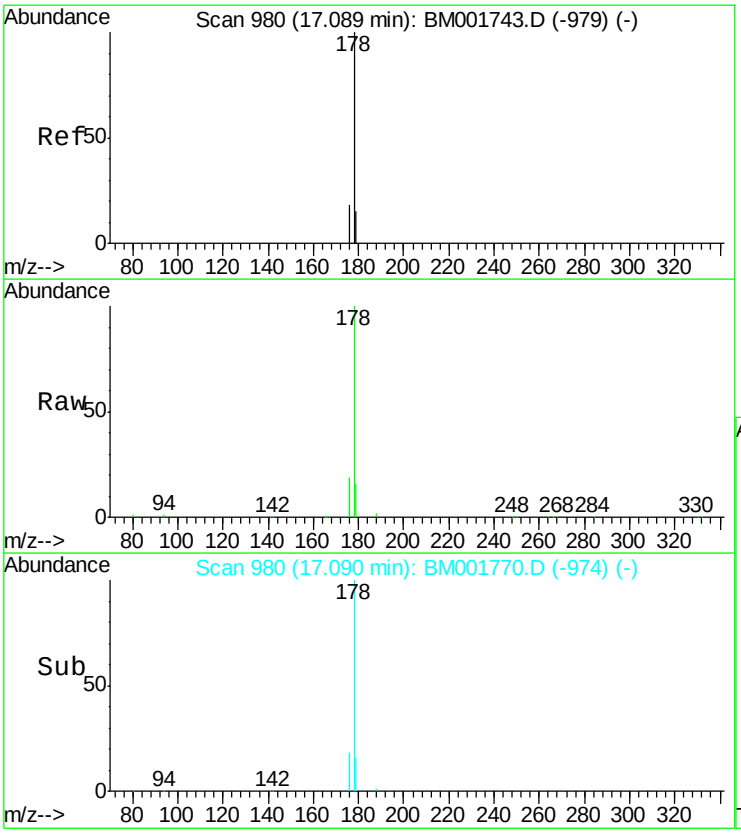
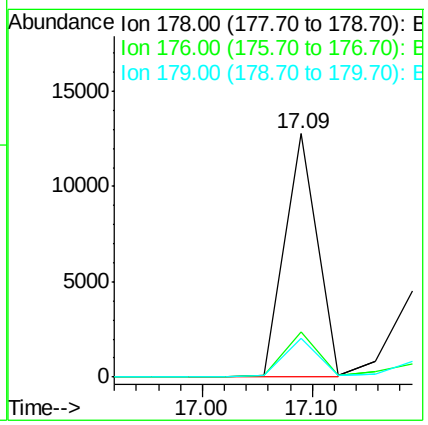
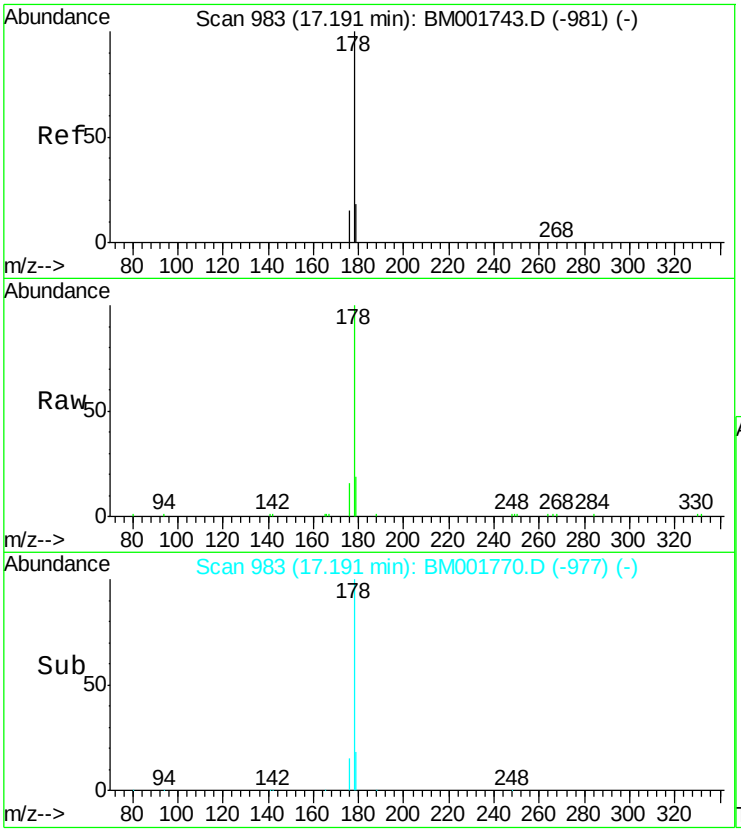


#22
Phenanthrene
Concen: 0.96 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:178 Resp: 26136

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.9	12.6	19.0

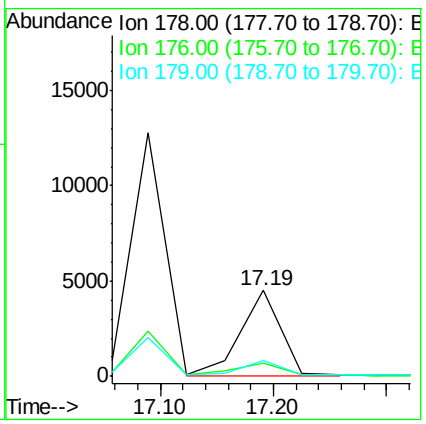




#23
Anthracene
Concen: 1.00 ng m
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:178 Resp: 11407

Ion	Ratio	Lower	Upper
178	100		
176	11.8	10.0	15.0
179	14.4	12.3	18.5



Instrument :
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ClientSampleId :
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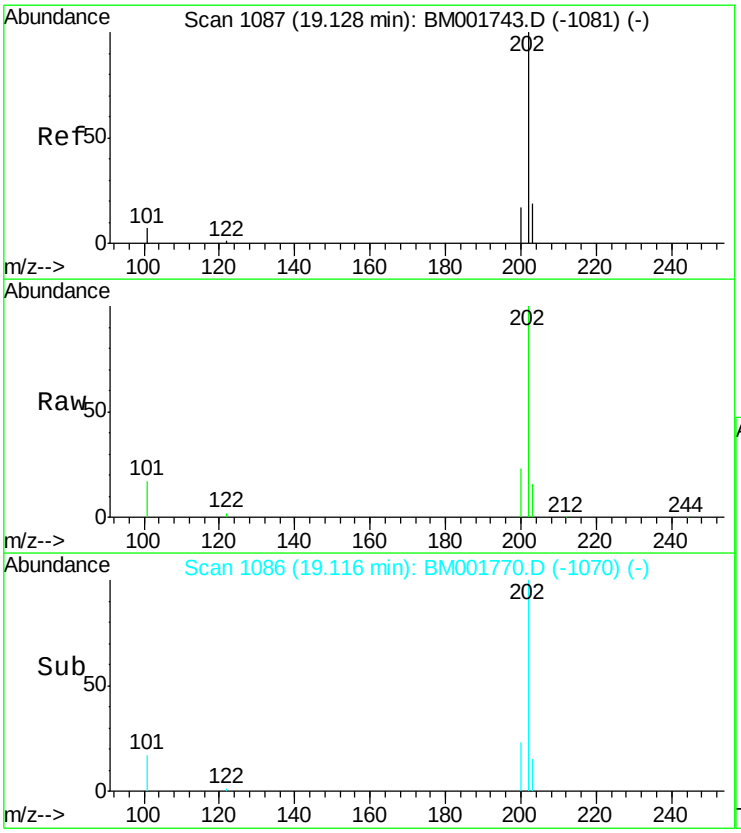
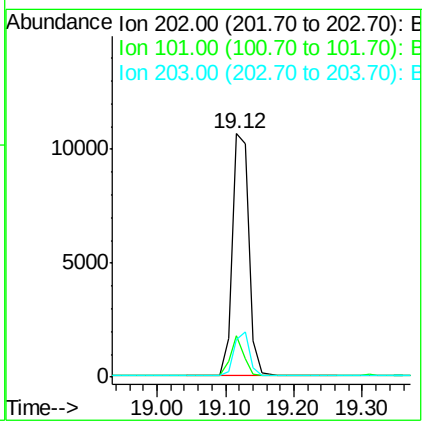
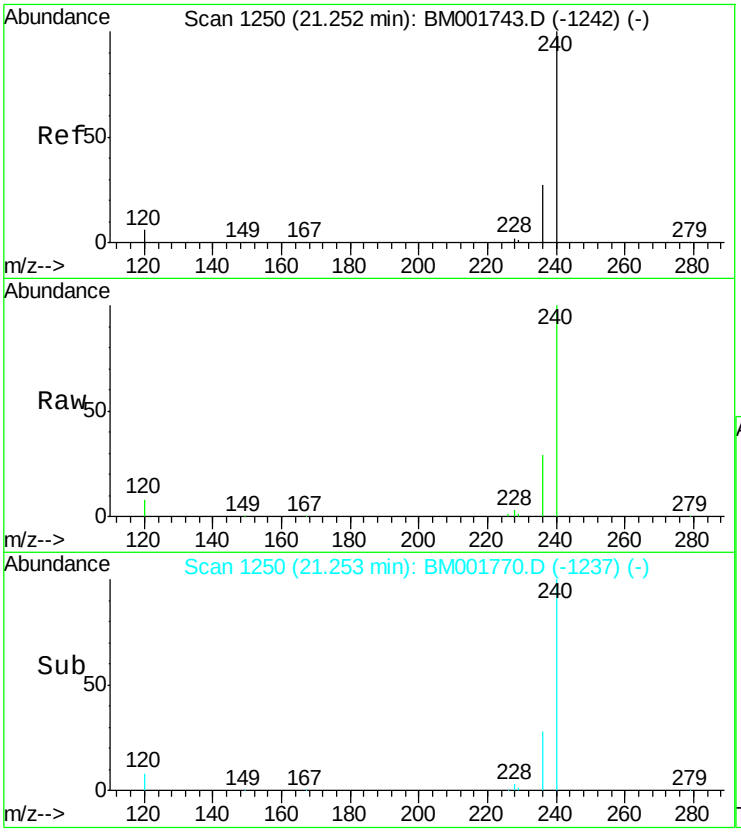


#24
Fluoranthene
Concen: 1.04 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:202 Resp: 17735

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.8	16.2
203	17.2	13.8	20.6





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:240 Resp: 54484

Ion	Ratio	Lower	Upper
240	100		
120	8.4	4.7	7.1#
236	28.5	21.6	32.4

Instrument :
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ClientSampleId :
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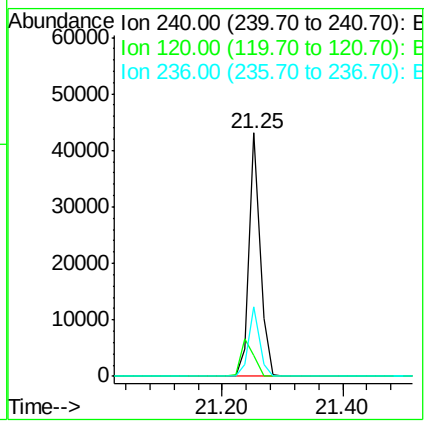
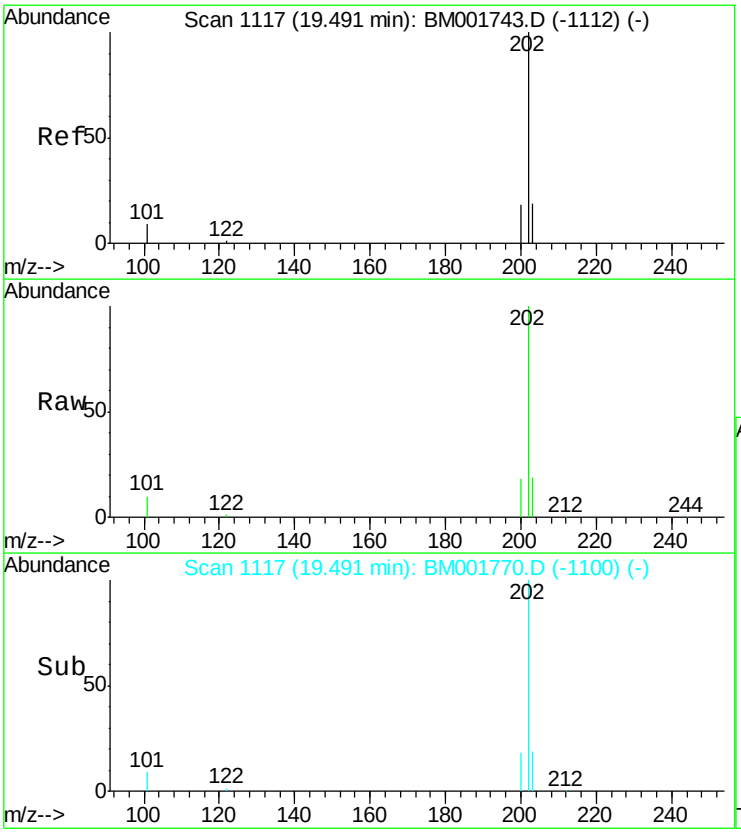
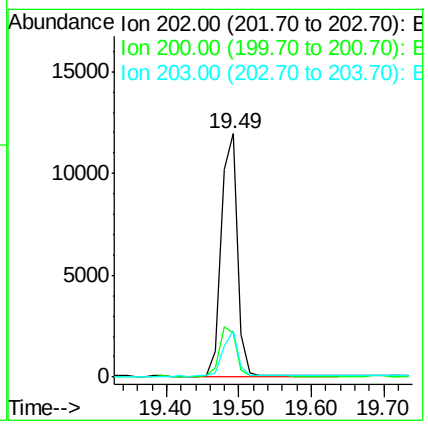


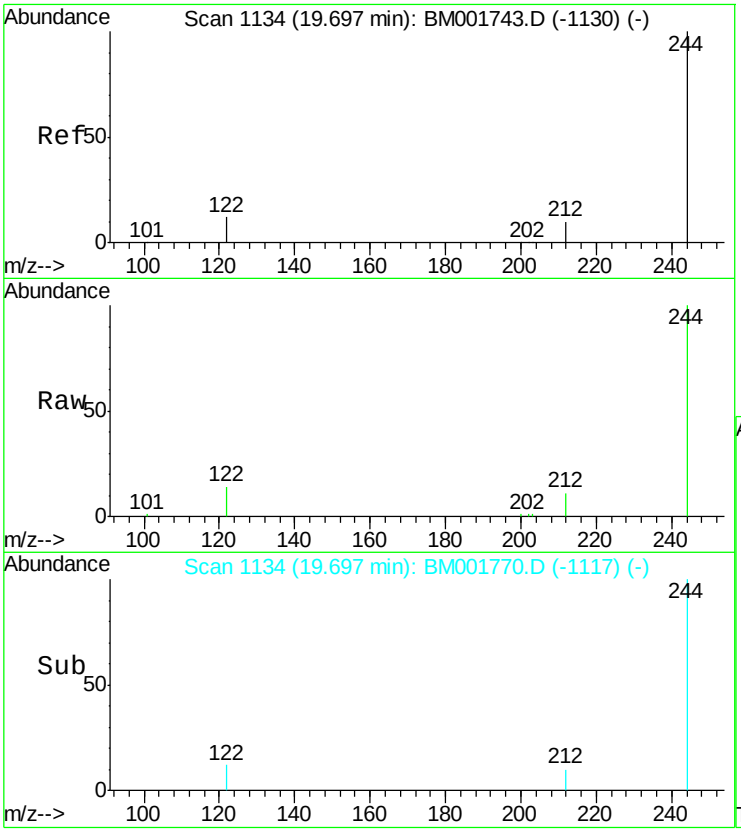


#26
Pyrene
Concen: 0.98 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:202 Resp: 18675

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	13.9	20.9

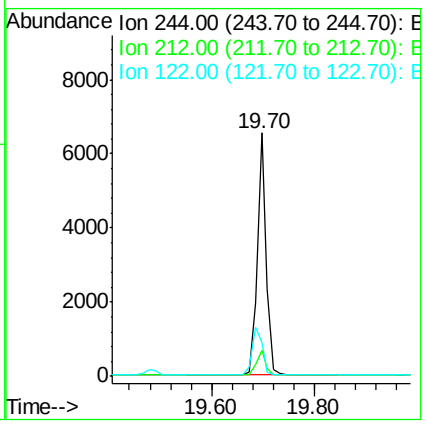




#27
Terphenyl-d14
Concen: 1.00 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:244 Resp: 8010

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.6	13.0
122	14.1	10.6	15.8



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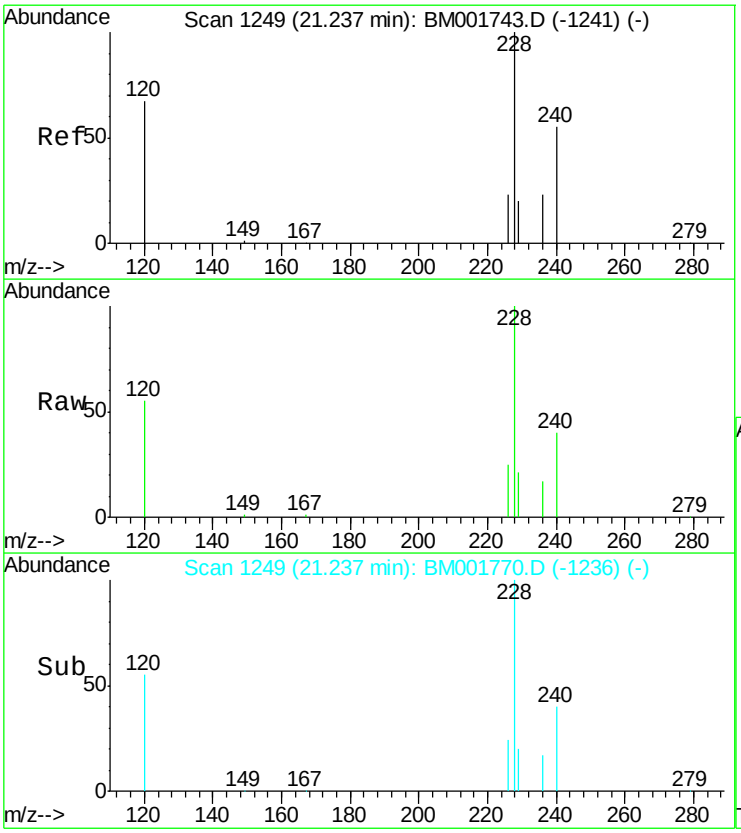
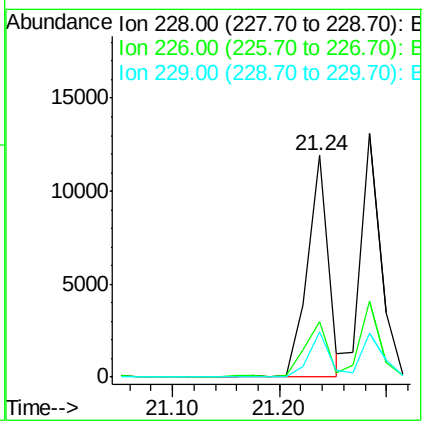
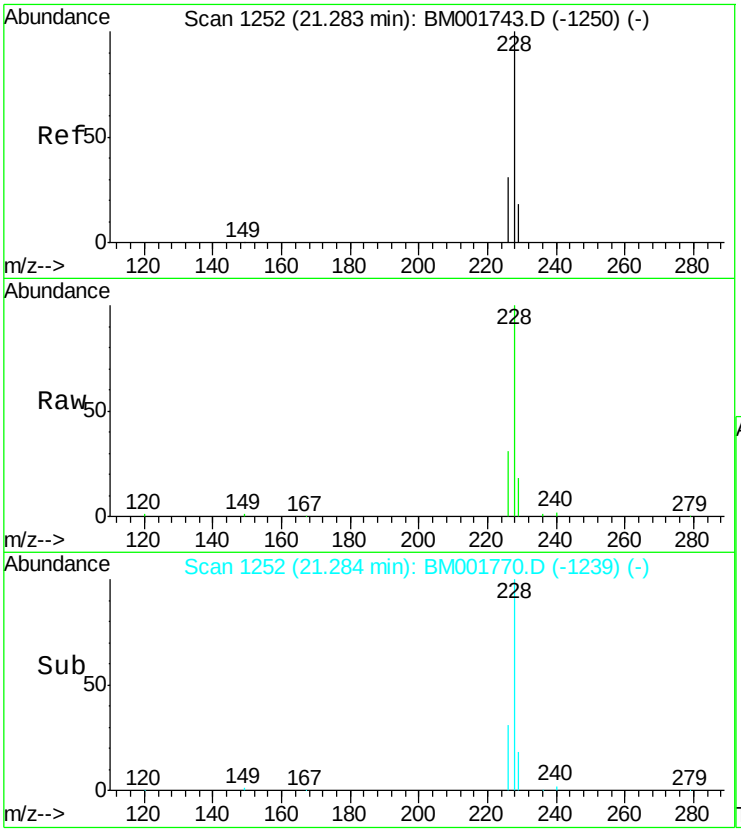


#28
Benzo(a)anthracene
Concen: 0.96 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:228 Resp: 15753

Ion	Ratio	Lower	Upper
228	100		
226	25.0	18.9	28.3
229	20.7	16.6	25.0

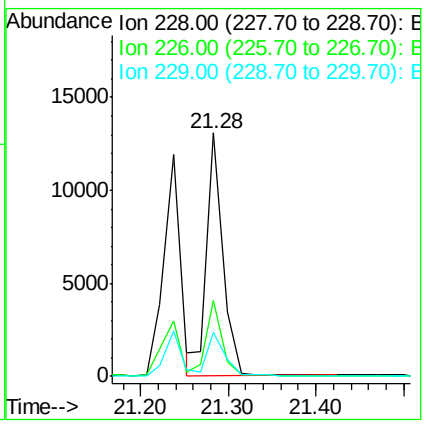




#29
Chrysene
Concen: 0.96 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:228 Resp: 16646

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
229	18.1	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
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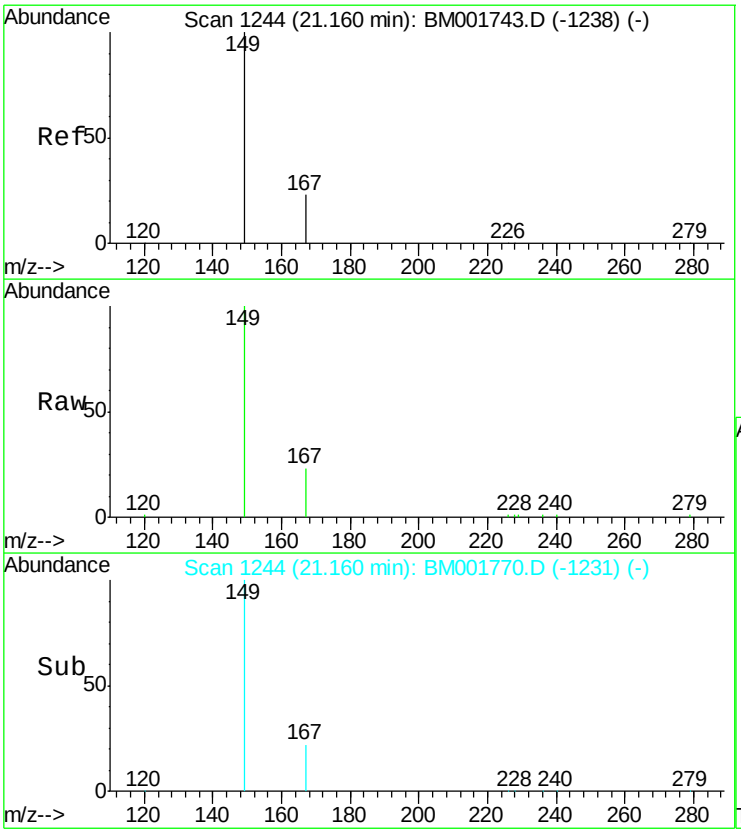
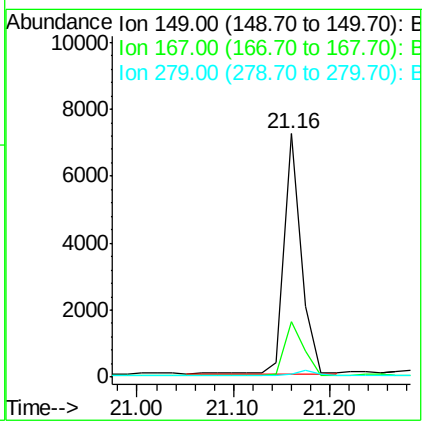
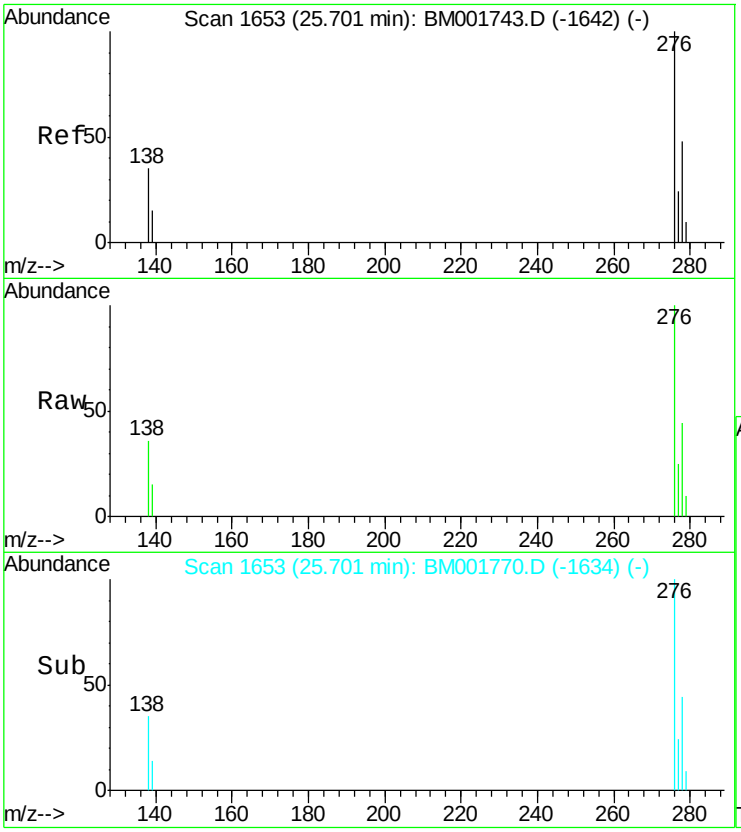


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.94 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:149 Resp: 8884

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.7	29.5
279	2.2	1.6	2.4

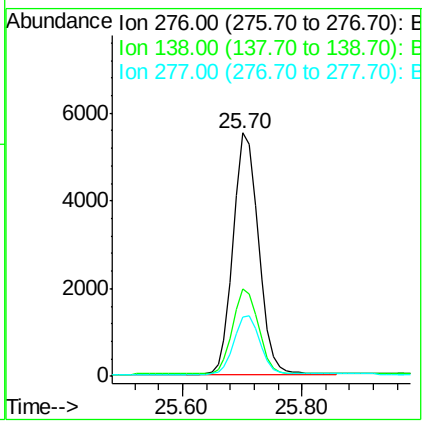




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:276 Resp: 16156

Ion	Ratio	Lower	Upper
276	100		
138	36.1	29.0	43.6
277	24.6	19.7	29.5



Instrument :
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ClientSampleId :
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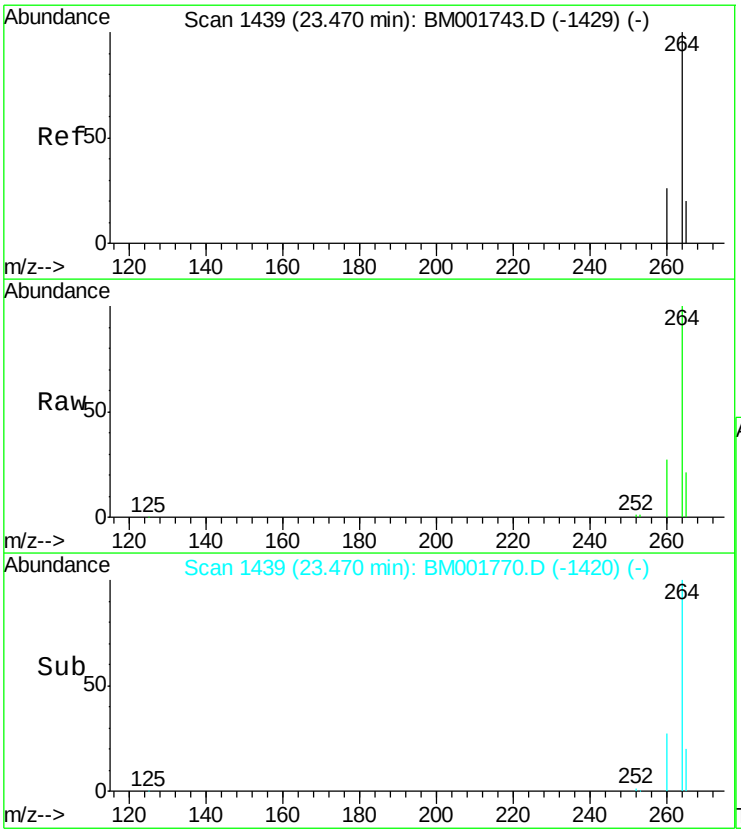
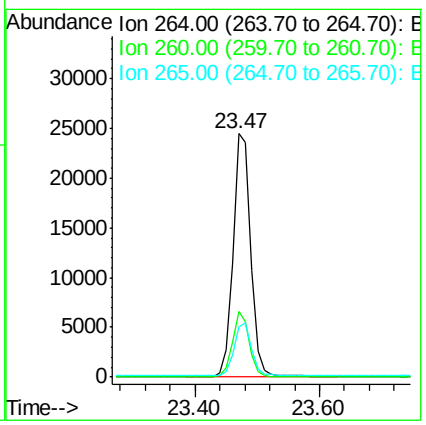
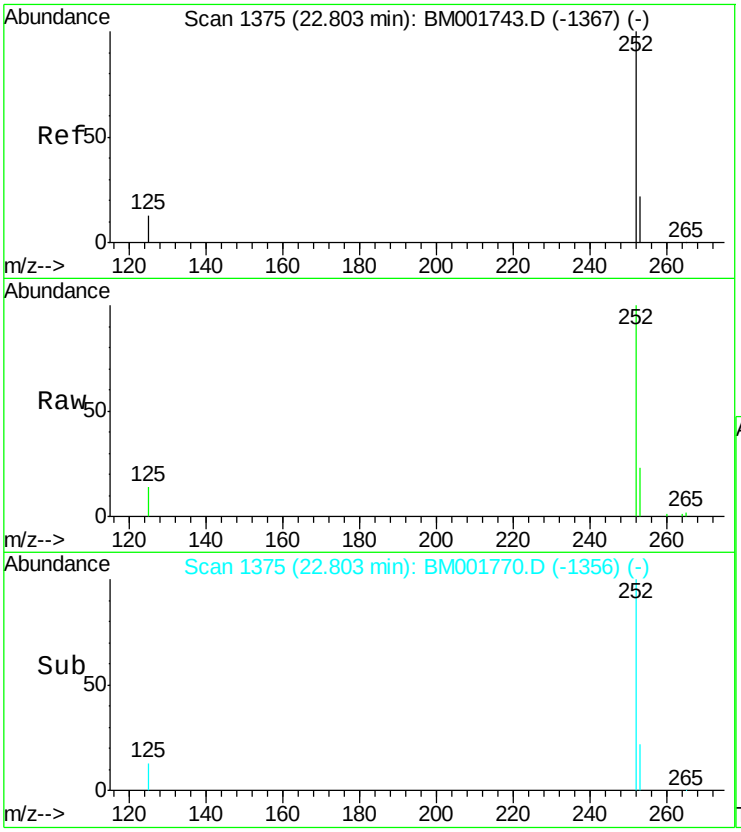


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:264 Resp: 48217

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	20.5	16.8	25.2

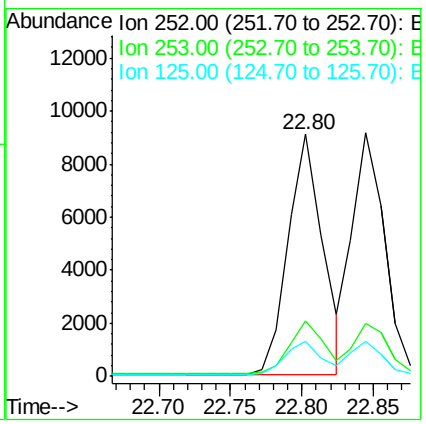




#33
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:252 Resp: 15305

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.4
125	14.3	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
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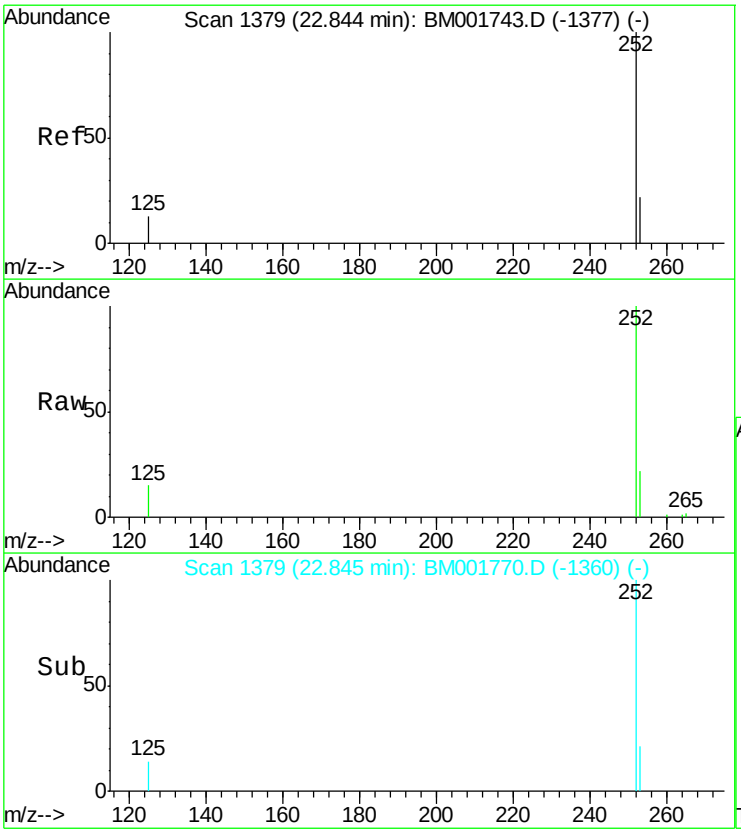
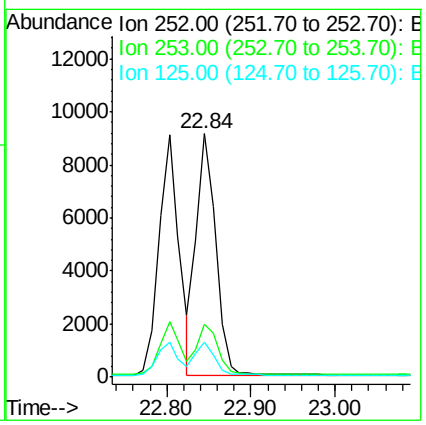
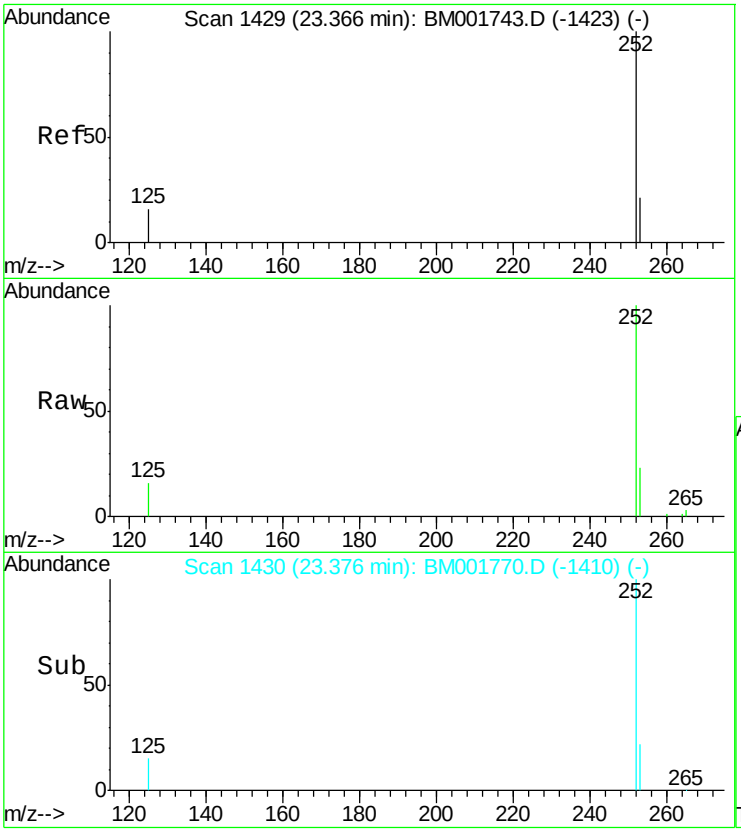


#34
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:252 Resp: 14417

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	14.5	11.8	17.6

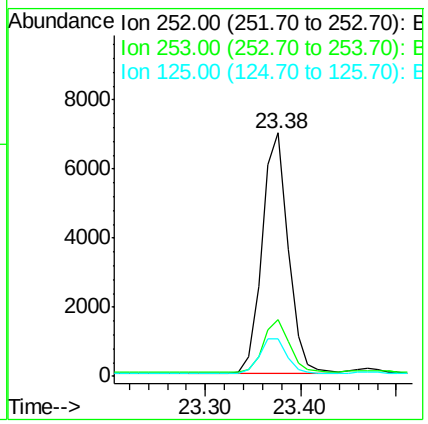




#35
Benzo(a)pyrene
Concen: 1.00 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:252 Resp: 13337

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.5	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
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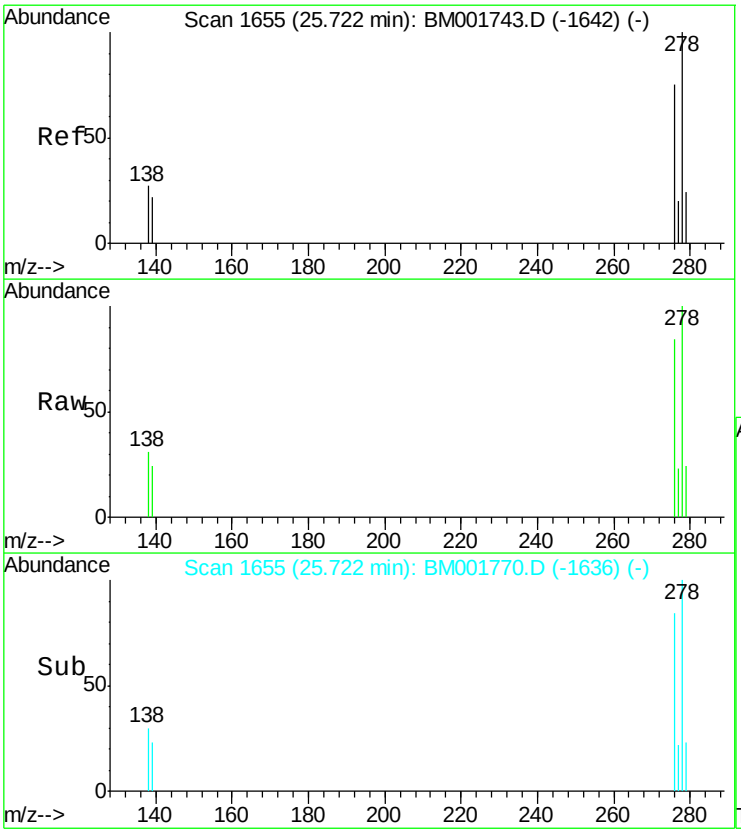
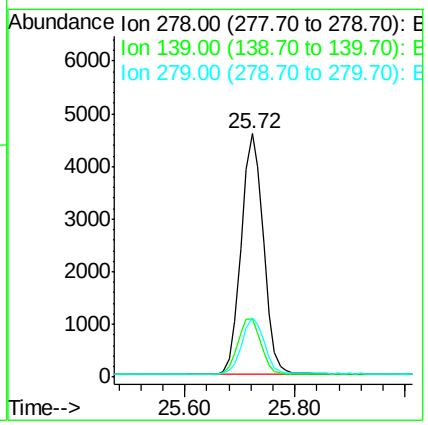
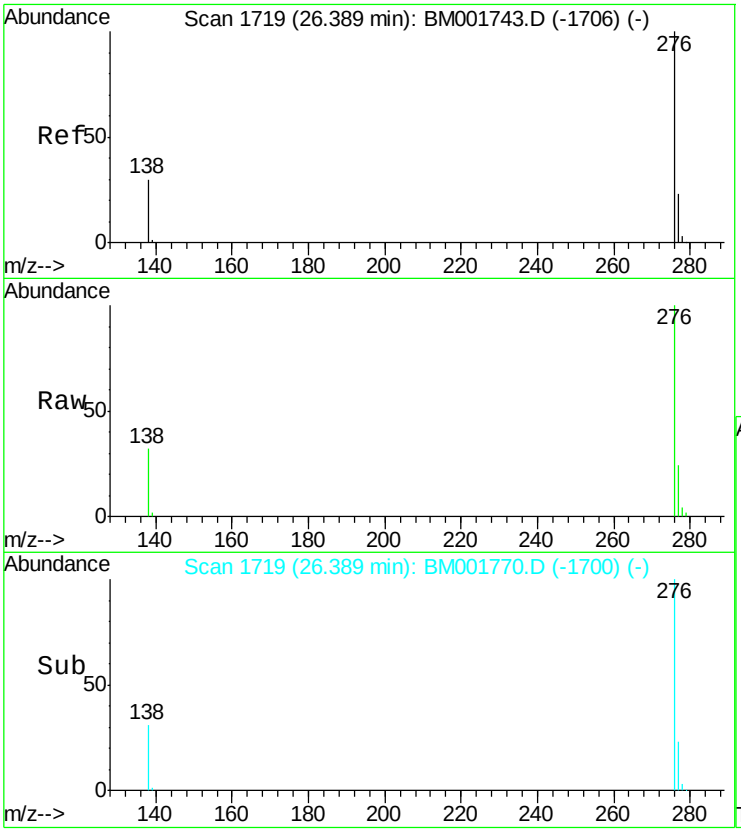


#36
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:278 Resp: 12921

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.4	27.6
279	24.5	19.8	29.8

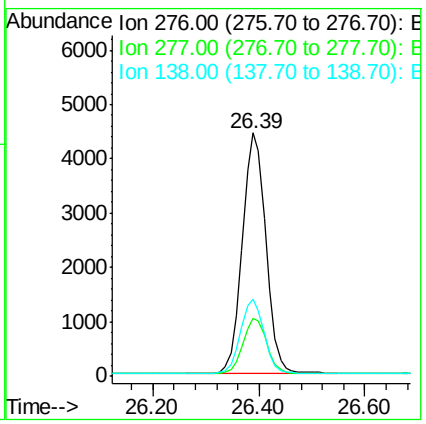




#37
Benzo(g,h,i)perylene
Concen: 0.98 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001770.D
Acq: 22 Jun 2015 12:00

Tgt Ion:276 Resp: 13599

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	31.8	24.7	37.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
apatel
6/23/2015 3:34:52 PM