Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001155.D
Acq On : 02 May 2015 06:18
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
apatel
5/5/2015 8:04:05 AM

Quant Time: May 04 17:11:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 16:48:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16190	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	63064	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	34937	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	86779	5.00	ng		0.00
24) Chrysene-d12	21.15	240	68416	5.00	ng		0.00
30) Perylene-d12	23.29	264	54481	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	3202	1.02	ng		0.00
5) Phenol-d6	6.71	99	3863	1.00	ng		0.00
7) Nitrobenzene-d5	8.69	82	3485	0.98	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	1904	1.25	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	11937	1.03	ng		0.00
26) Terphenyl-d14	19.59	244	10072	1.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	1584	0.79	ng	#	82
3) n-Nitrosodimethylamine	3.34	42	1822	0.92	ng	#	92
8) Nitrobenzene	8.73	77	3765	0.93	ng		98
9) Naphthalene	10.36	128	13977	1.01	ng		99
10) Hexachlorobutadiene	10.65	225	2706	1.01	ng		100
11) 2-Methylnaphthalene	11.99	142	9588	1.01	ng		100
15) Acenaphthylene	13.91	152	15759	1.03	ng	#	99
16) Acenaphthene	14.24	154	10842	1.03	ng		98
17) Fluorene	15.24	166	13133	1.07	ng		100
19) Hexachlorobenzene	16.26	284	4570	0.98	ng	#	99
20) Pentachlorophenol	16.61	266	1008	0.85	ng		99
21) Phenanthrene	16.98	178	22330	1.00	ng		99
22) Anthracene	17.08	178	18231m	0.99	ng		
23) Fluoranthene	19.01	202	21744	0.96	ng		100
25) Pyrene	19.38	202	22870	1.07	ng		100
27) Benzo(a)anthracene	21.13	228	19322	1.00	ng		97
28) Chrysene	21.18	228	19353	1.02	ng		98
29) Indeno(1,2,3-cd)pyrene	25.43	276	15371	0.89	ng		99
31) Benzo(b)fluoranthene	22.65	252	16626	0.99	ng		96
32) Benzo(k)fluoranthene	22.69	252	17065	1.09	ng		95
33) Benzo(a)pyrene	23.20	252	14329	1.01	ng		99
34) Dibenzo(a,h)anthracene	25.44	278	11934	0.96	ng		96
35) Benzo(g,h,i)perylene	26.09	276	12655	0.97	ng		98

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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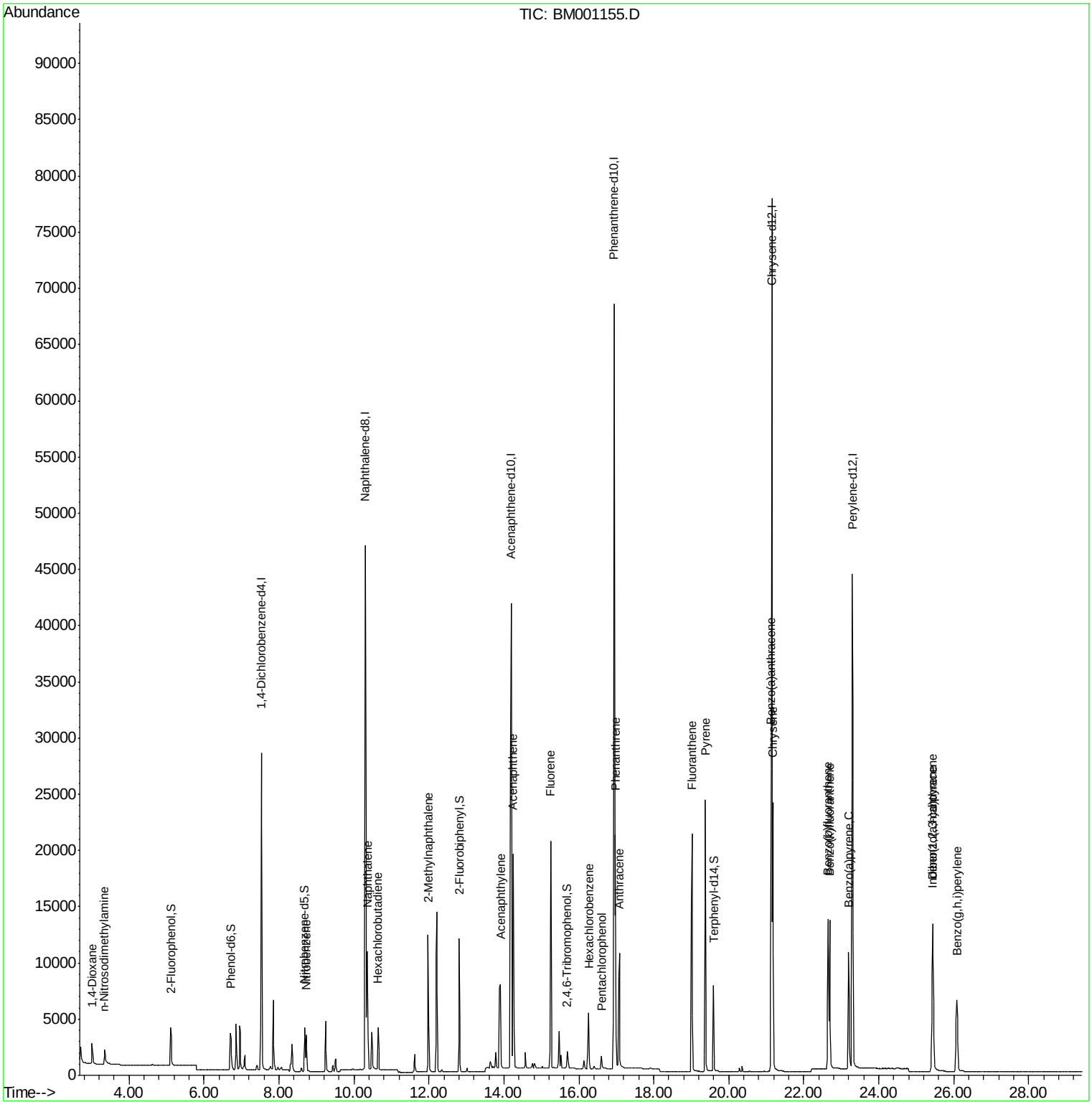
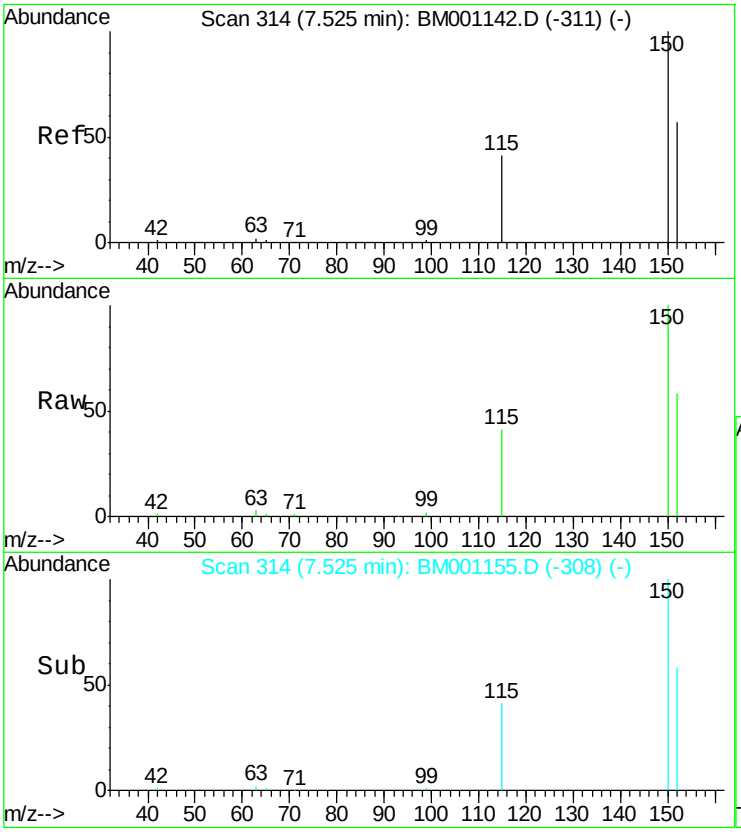
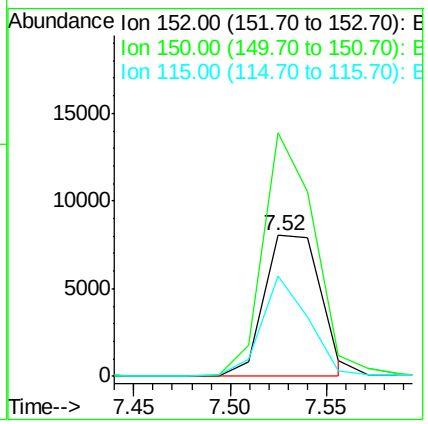




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:152 Resp: 16190

Ion	Ratio	Lower	Upper
152	100		
150	173.1	140.1	210.1
115	71.4	57.8	86.6



Instrument :
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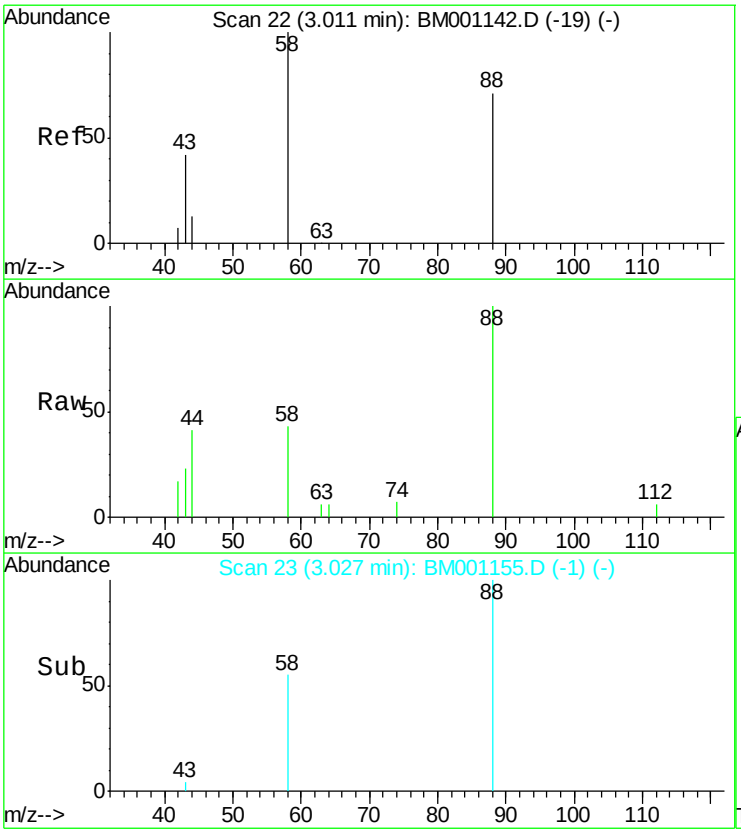
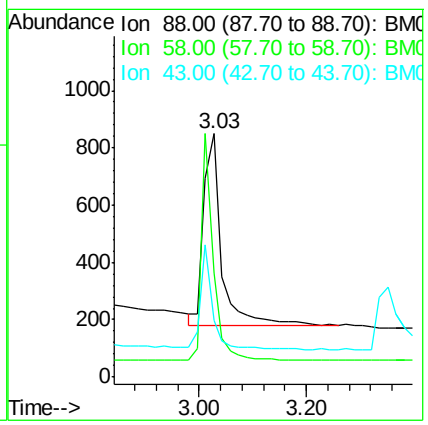
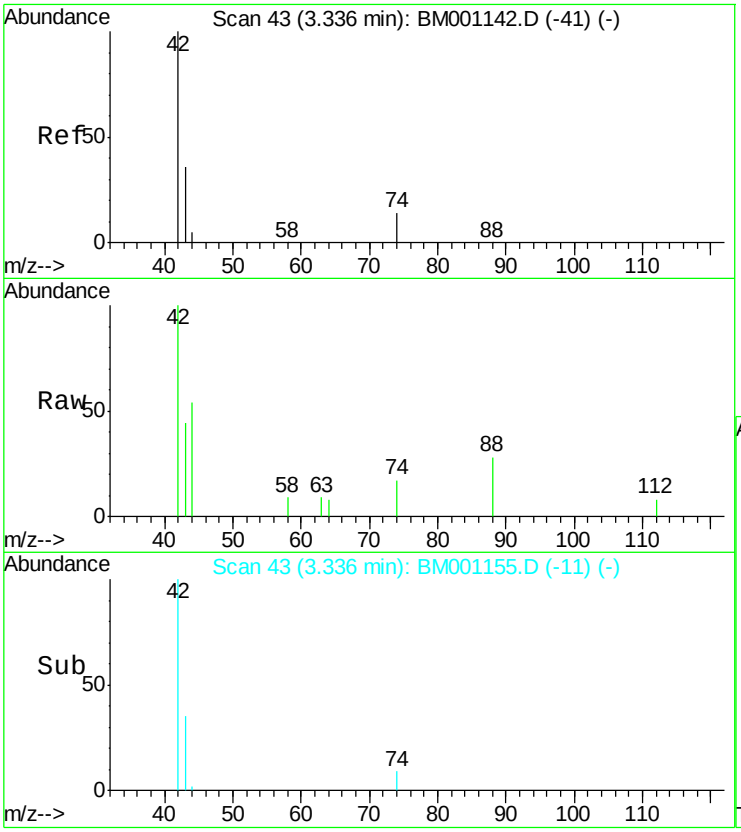


#2
1,4-Dioxane
Concen: 0.79 ng
RT: 3.03 min Scan# 23
Delta R.T. 0.02 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion: 88 Resp: 1584

Ion	Ratio	Lower	Upper
88	100		
58	75.9	48.2	72.2#
43	37.4	24.8	37.2#

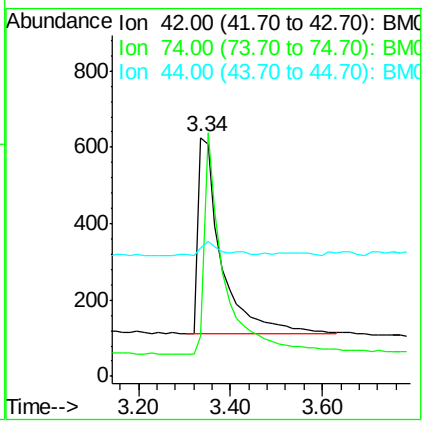




#3
n-Nitrosodimethylamine
Concen: 0.92 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion: 42 Resp: 1822

Ion	Ratio	Lower	Upper
42	100		
74	97.9	72.0	108.0
44	7.4	3.7	5.5#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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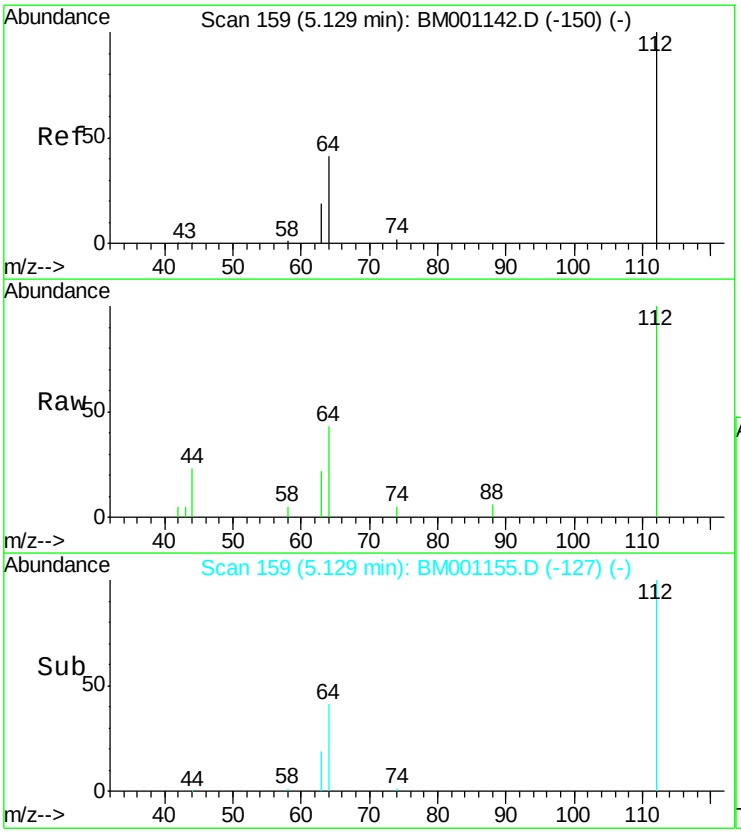
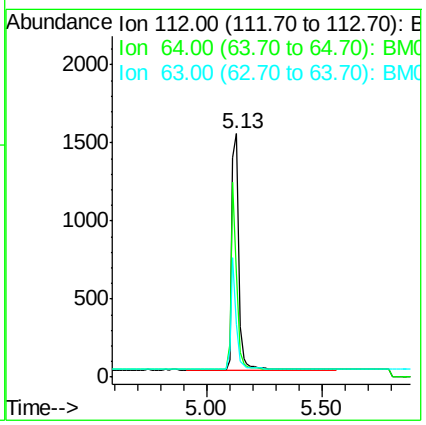
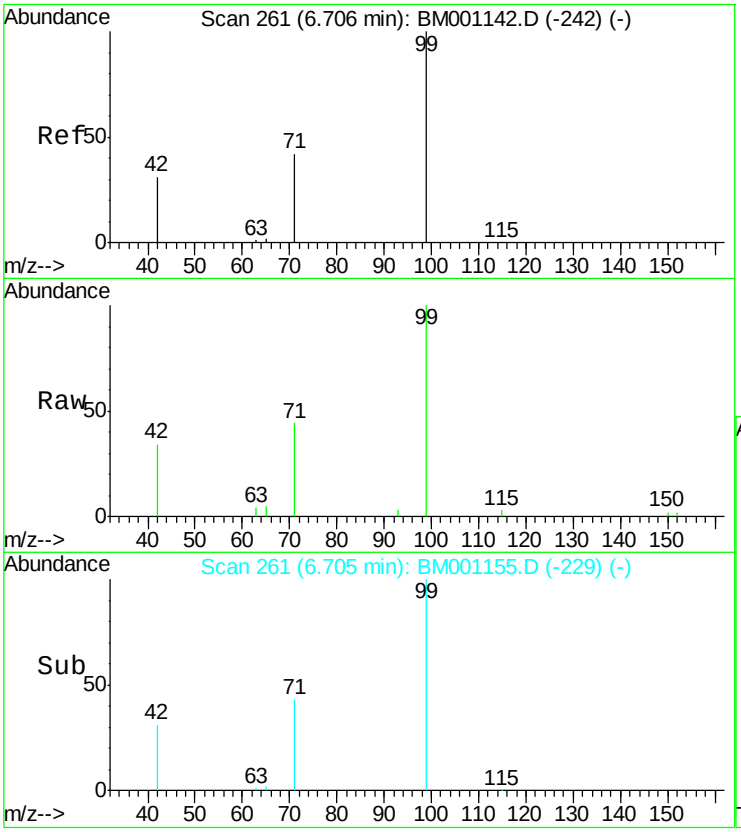


#4
2-Fluorophenol
Concen: 1.02 ng
RT: 5.13 min Scan# 159
Delta R.T. 0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:112 Resp: 3202

Ion	Ratio	Lower	Upper
112	100		
64	64.6	52.6	79.0
63	35.8	29.5	44.3

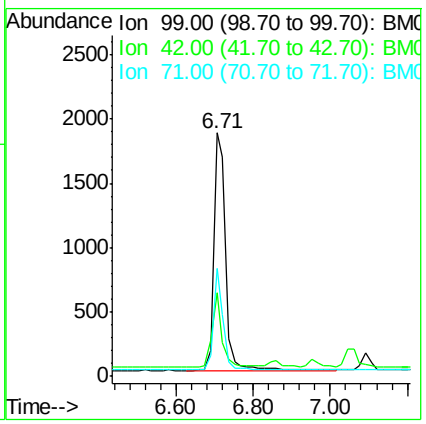




#5
Phenol-d6
Concen: 1.00 ng
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion: 99 Resp: 3863

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.9	31.3
71	35.5	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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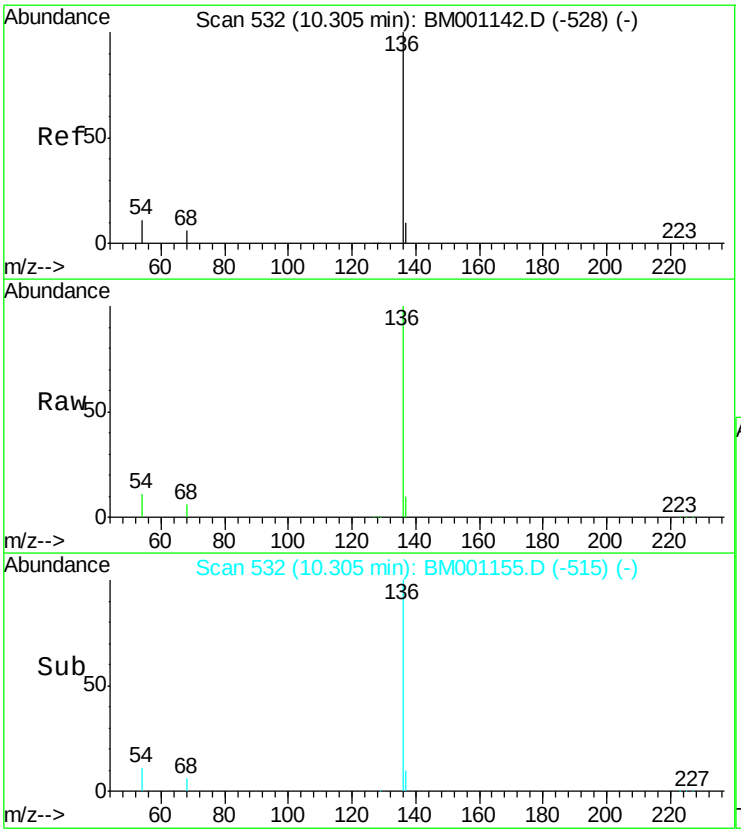
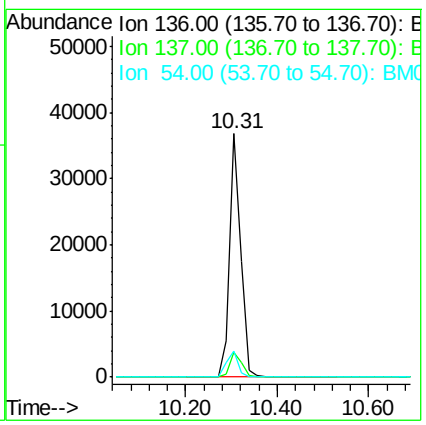
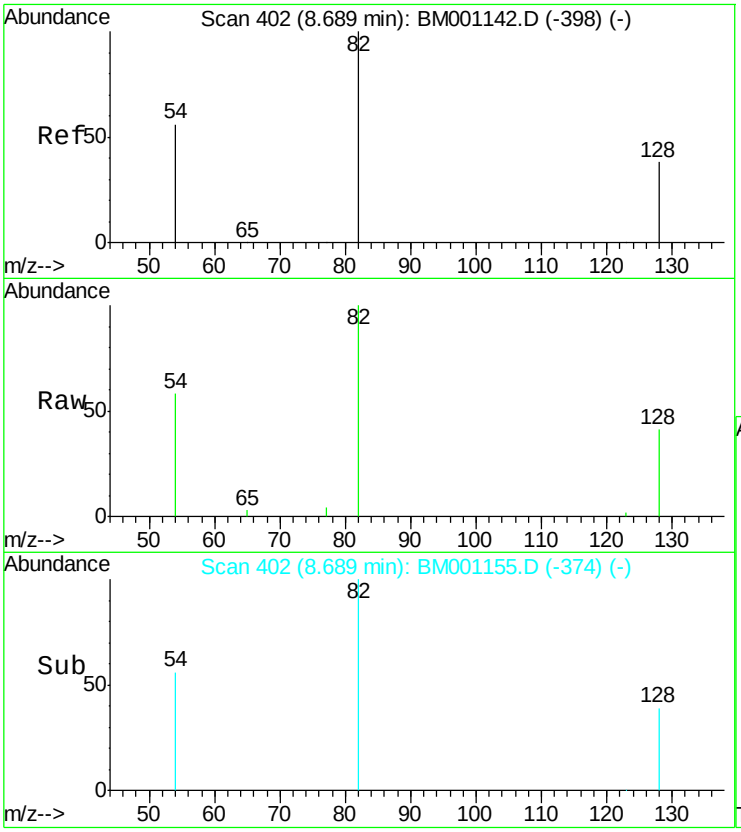


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:136 Resp: 63064

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	10.7	9.0	13.4

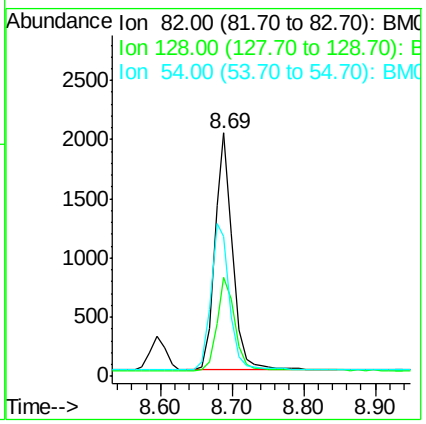




#7
Nitrobenzene-d5
Concen: 0.98 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion: 82 Resp: 3485

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.9	47.9
54	57.6	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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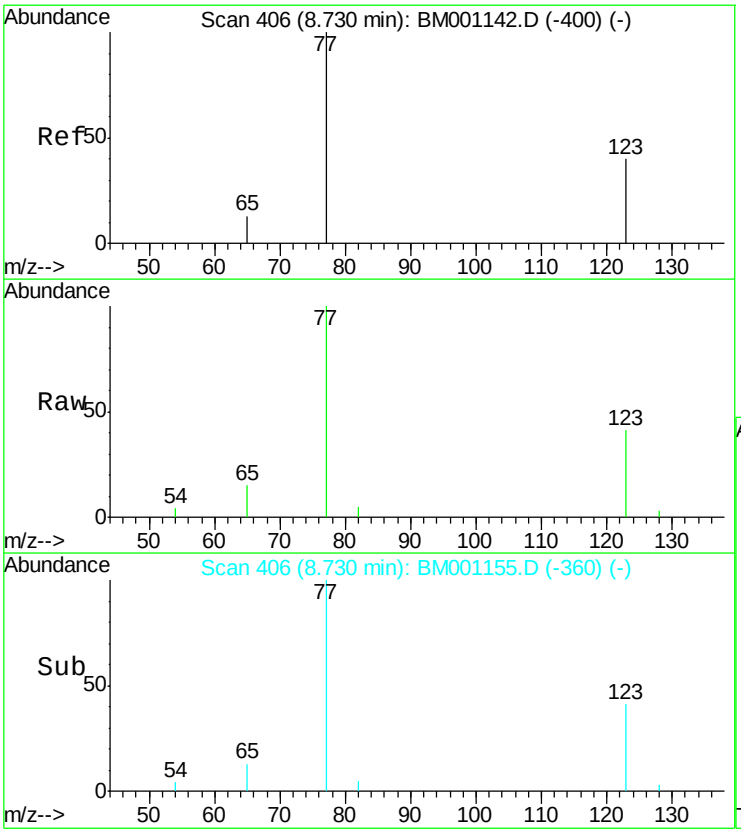
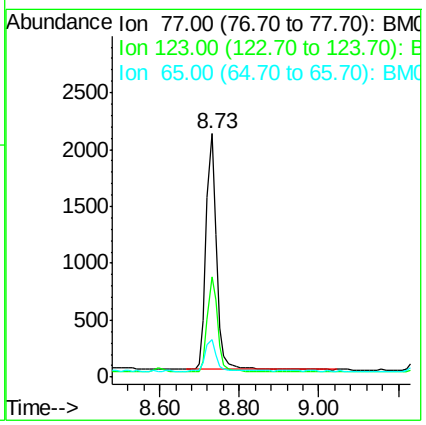
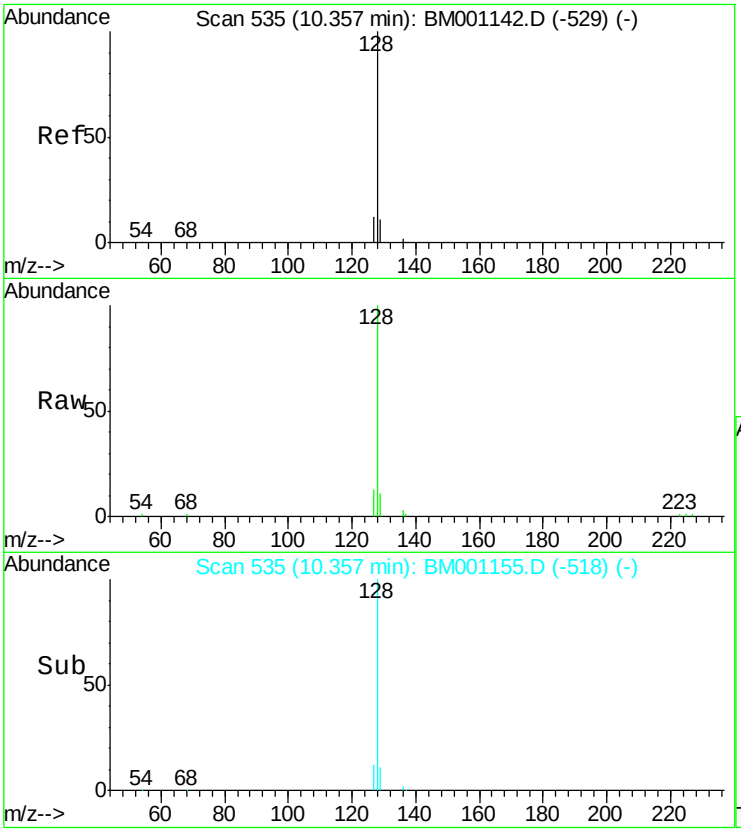


#8
Nitrobenzene
Concen: 0.93 ng
RT: 8.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion: 77 Resp: 3765

Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.0	46.6
65	13.8	10.6	15.8

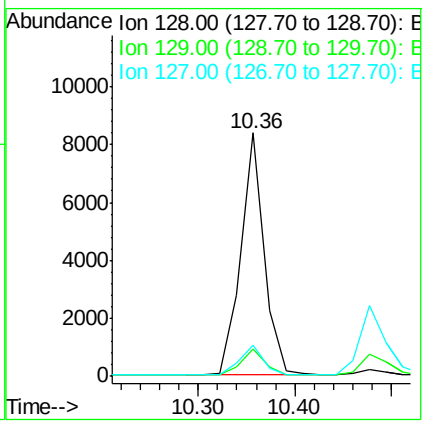




#9
Naphthalene
Concen: 1.01 ng
RT: 10.36 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:128 Resp: 13977

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.0	10.0	15.0



Instrument :
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ClientSampleId :
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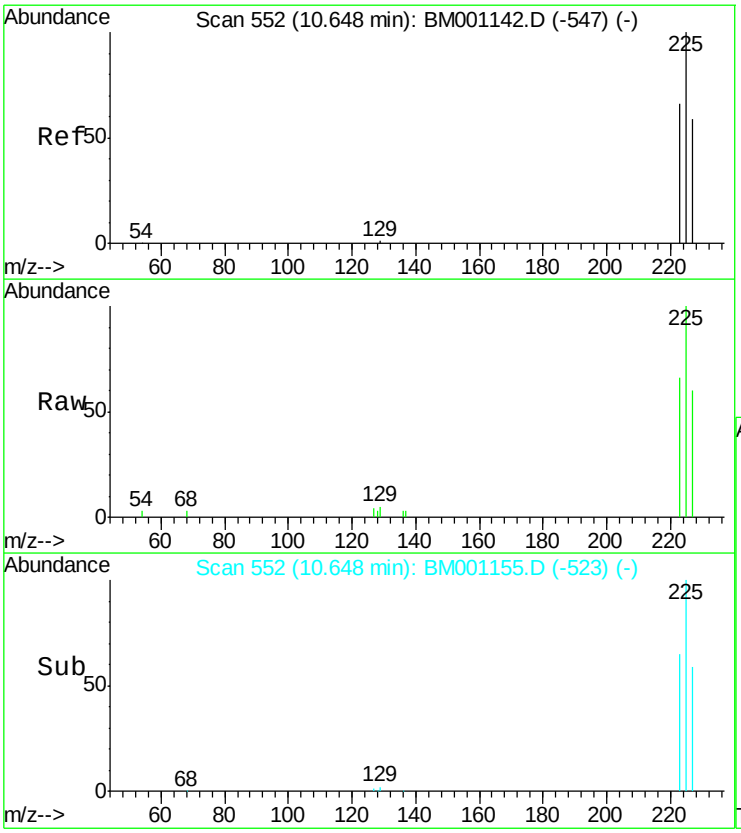
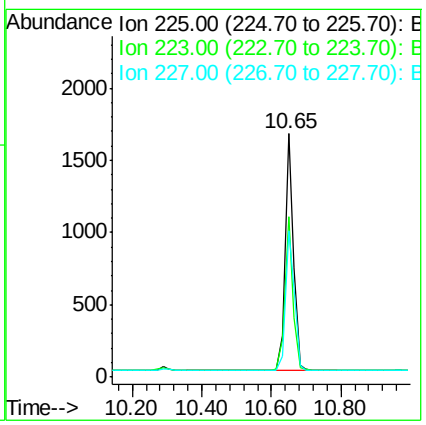
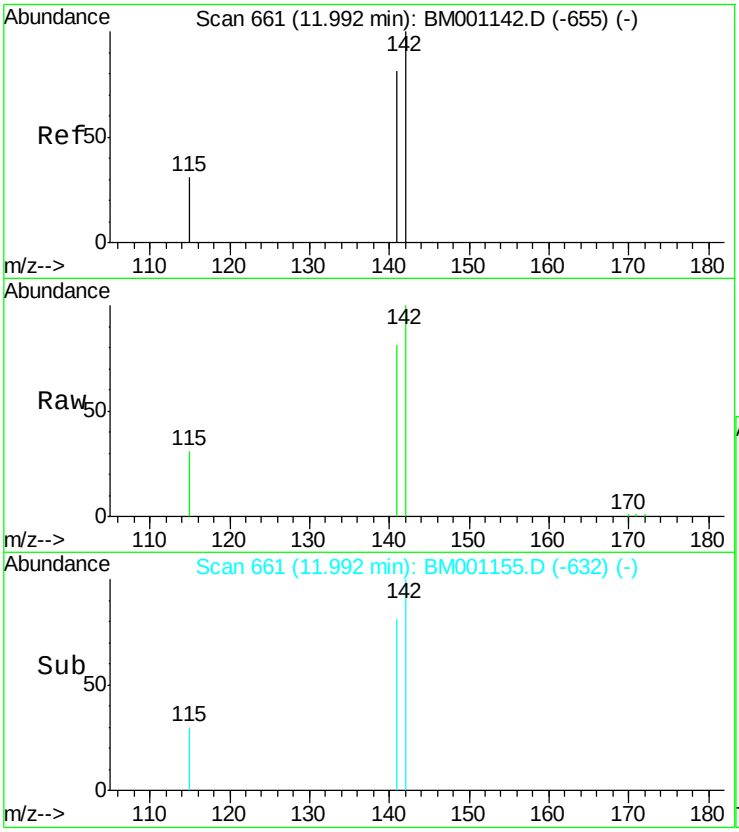


#10
Hexachlorobutadiene
Concen: 1.01 ng
RT: 10.65 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:225 Resp: 2706

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.8	76.2
227	63.6	51.0	76.4

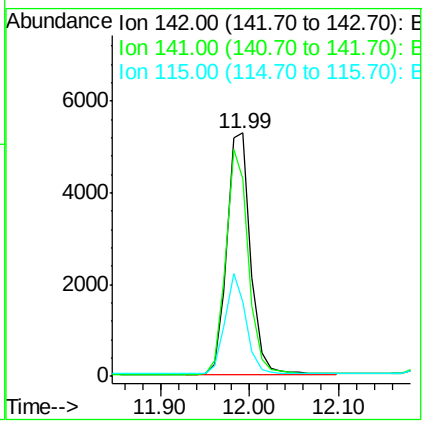




#11
2-Methylnaphthalene
Concen: 1.01 ng
RT: 11.99 min Scan# 661
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:142 Resp: 9588

Ion	Ratio	Lower	Upper
142	100		
141	81.1	65.1	97.7
115	30.8	25.1	37.7



Instrument :
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ClientSampleId :
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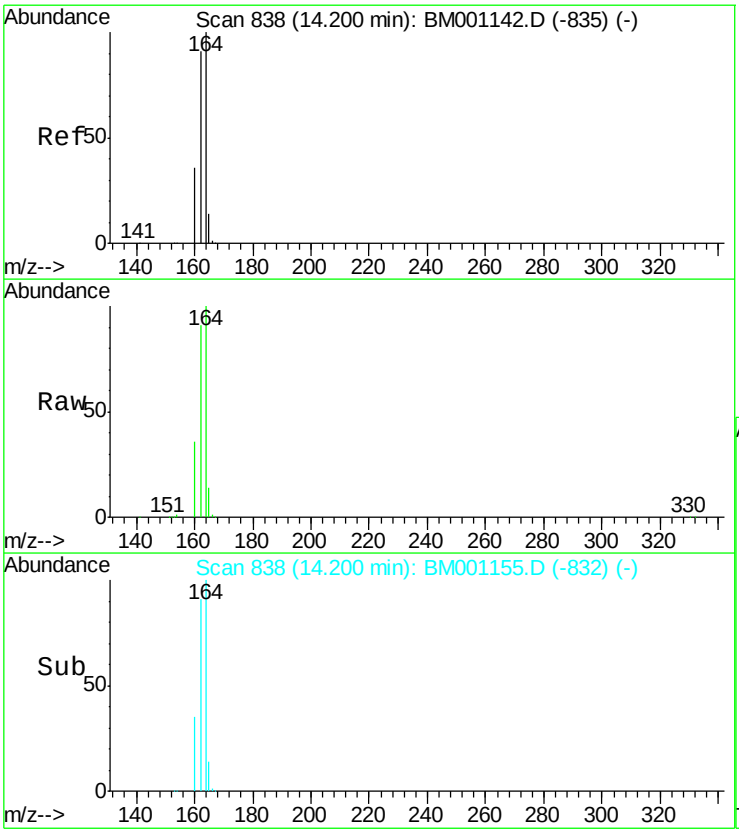
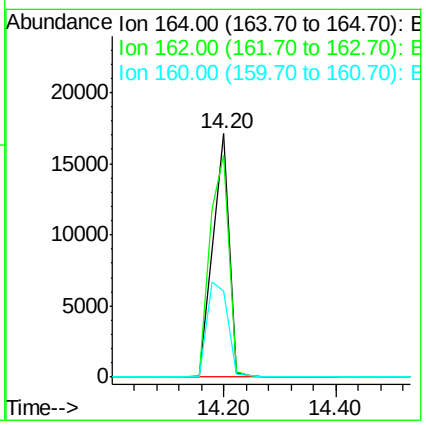
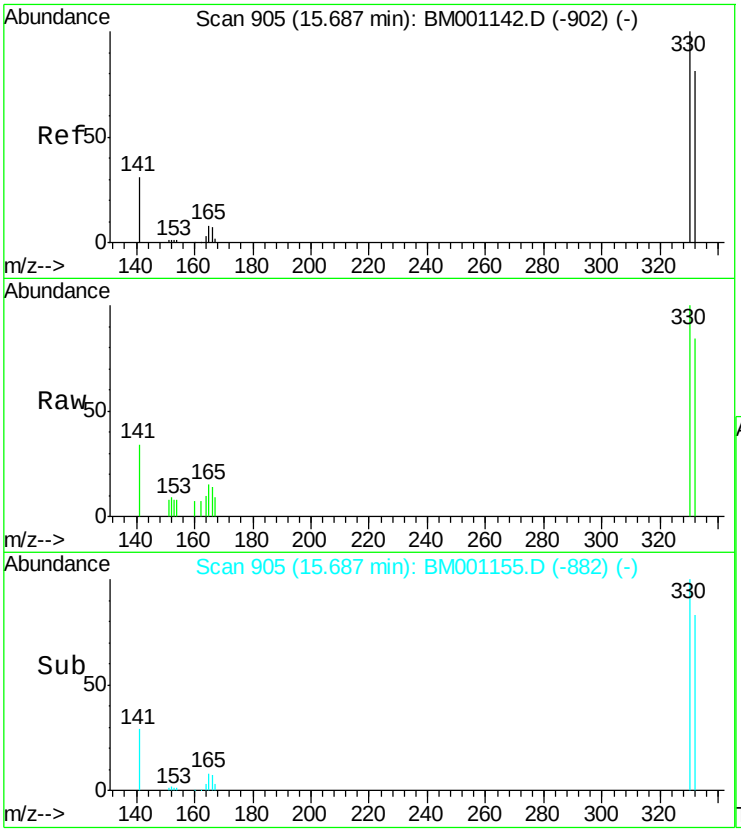


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:164 Resp: 34937

Ion	Ratio	Lower	Upper
164	100		
162	91.2	72.7	109.1
160	35.5	28.7	43.1

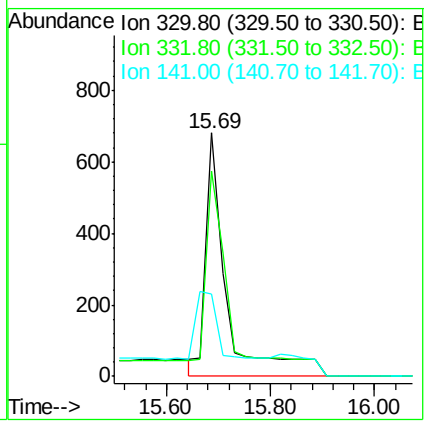




#13
2,4,6-Tribromophenol
Concen: 1.25 ng
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:330 Resp: 1904

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.5	111.7
141	0.0	21.0	31.4#



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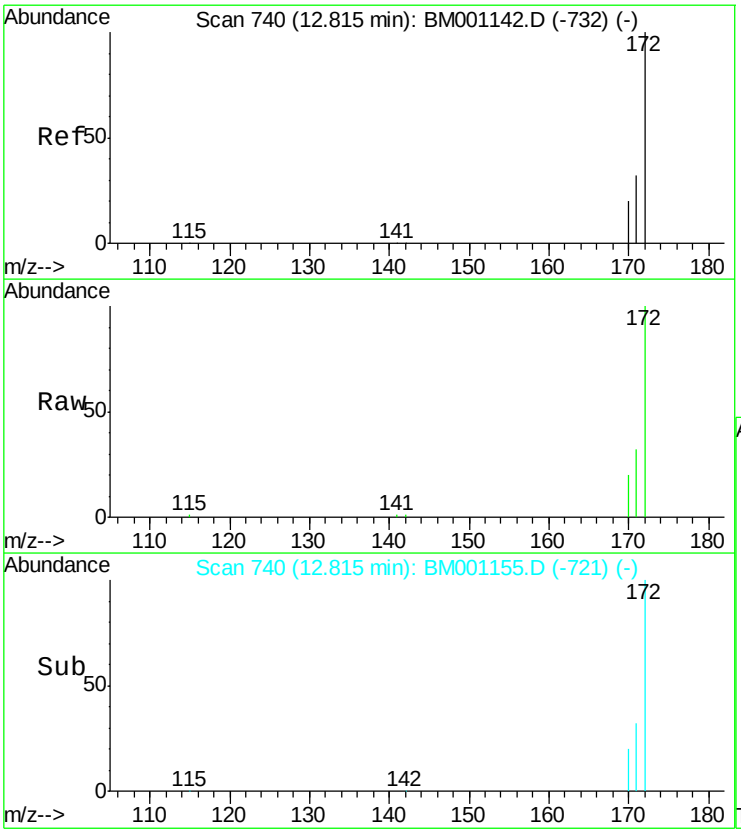
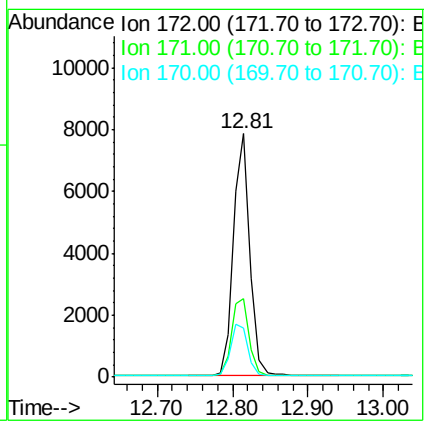
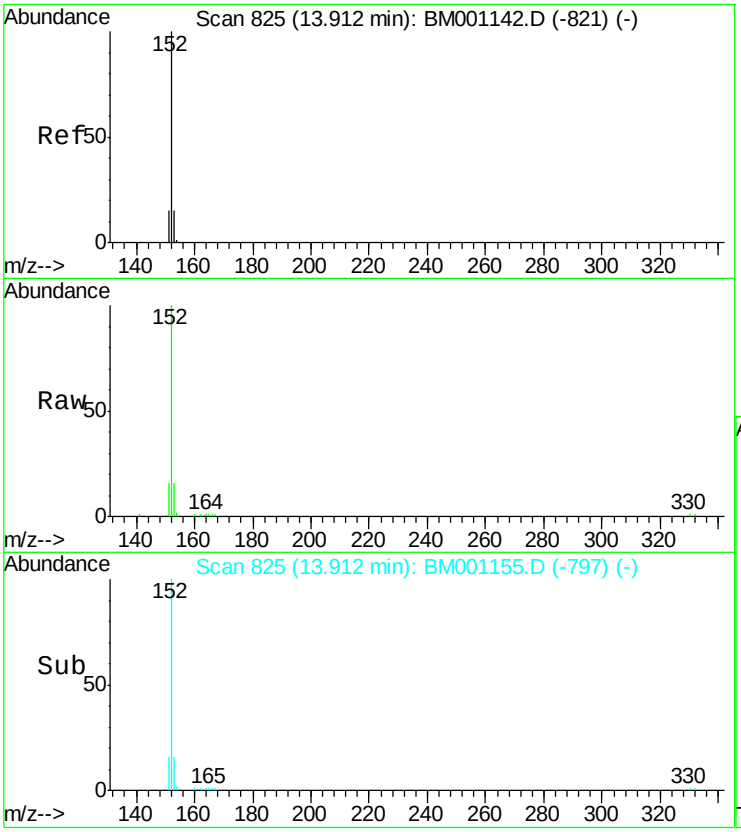


#14
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 12.81 min Scan# 740
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:172 Resp: 11937

Ion	Ratio	Lower	Upper
172	100		
171	32.5	25.8	38.6
170	20.1	16.1	24.1

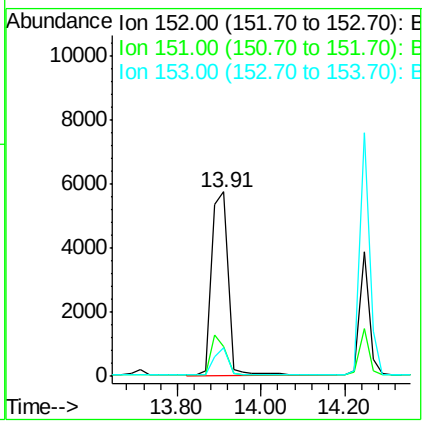




#15
Acenaphthylene
Concen: 1.03 ng
RT: 13.91 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:152 Resp: 15759

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	12.6	10.3	15.5



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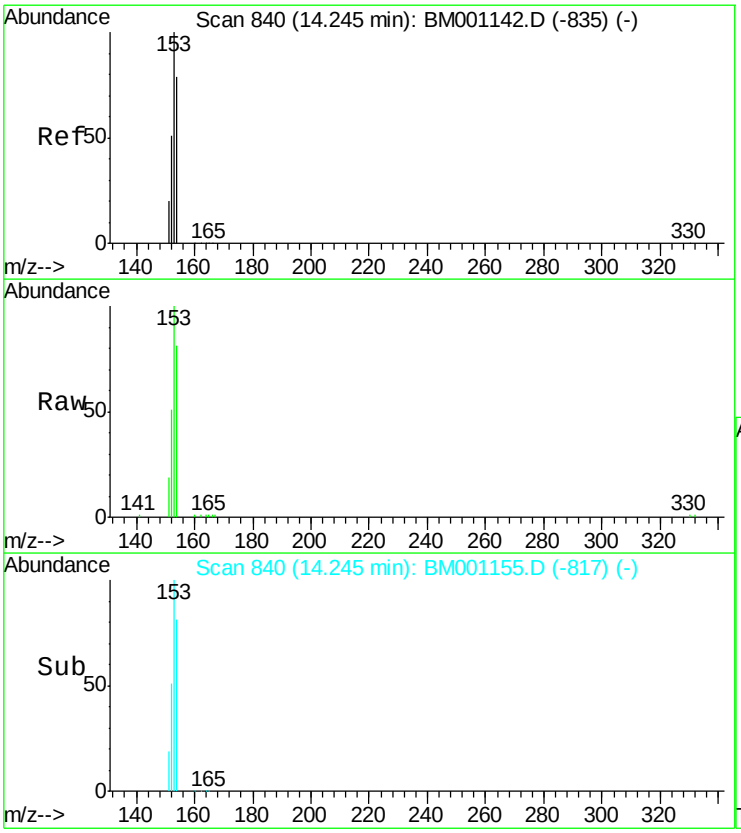
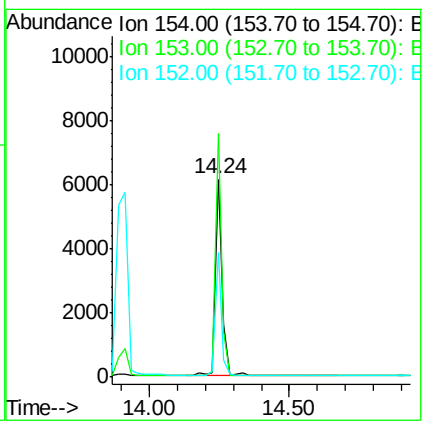
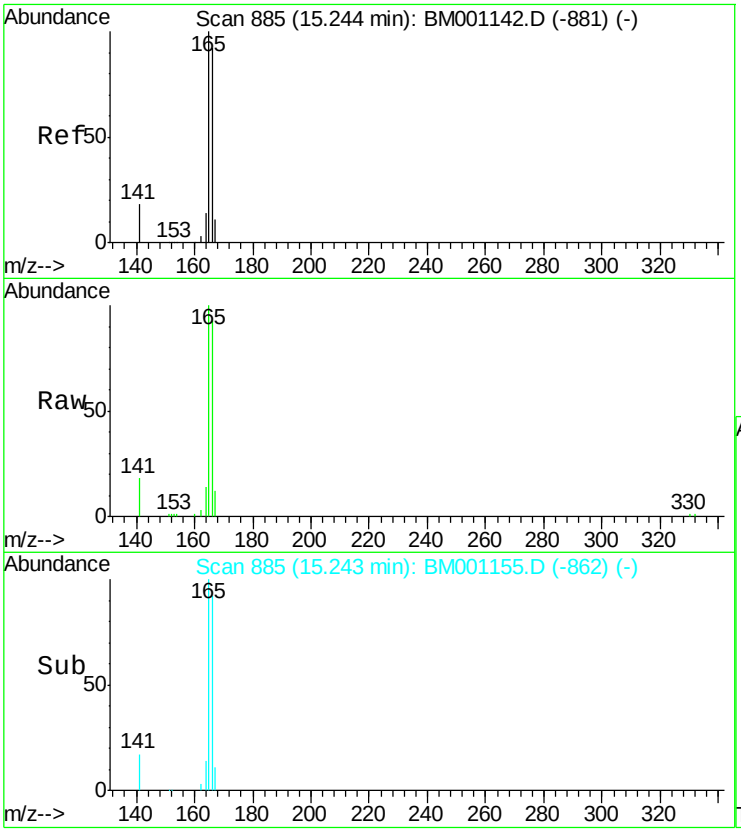


#16
Acenaphthene
Concen: 1.03 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:154 Resp: 10842

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	54.9	45.0	67.4

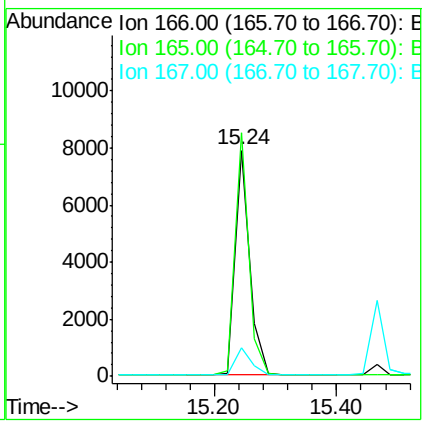




#17
Fluorene
Concen: 1.07 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:166 Resp: 13133

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.0	121.6
167	13.1	10.4	15.6



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ClientSampleId :
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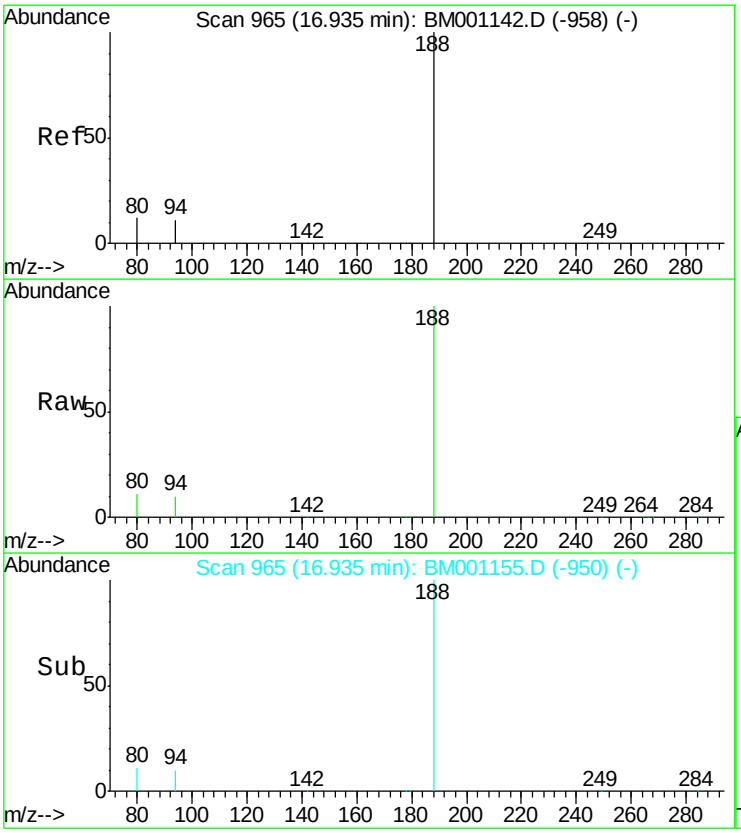
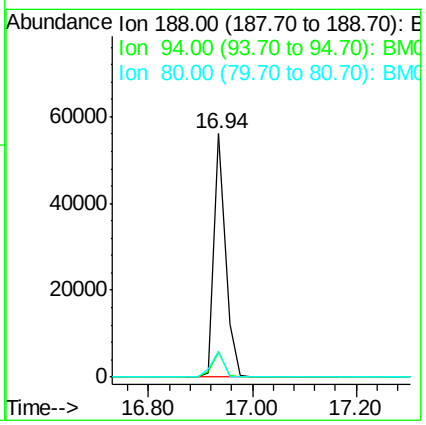
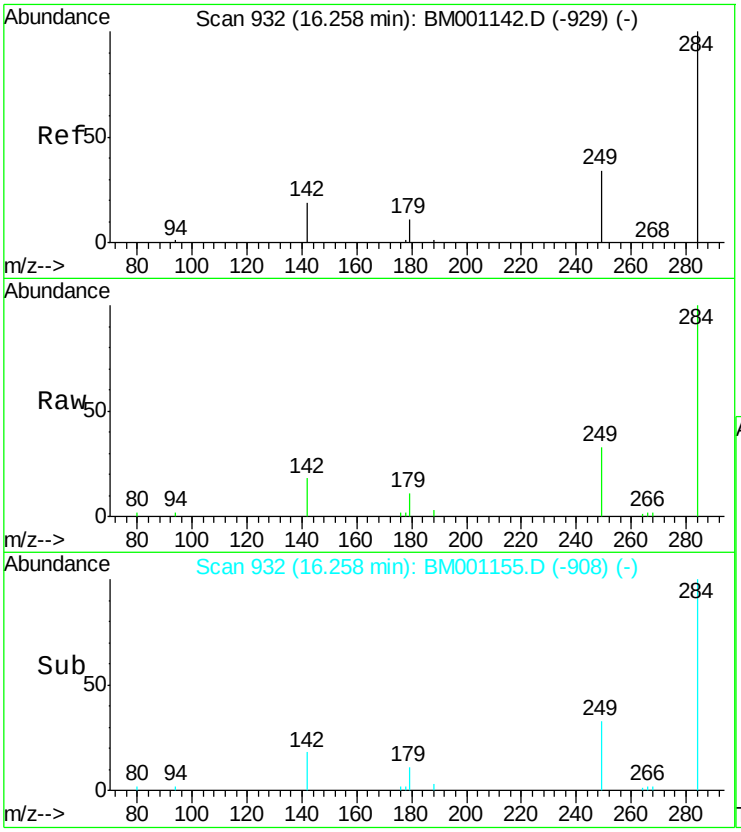


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:188 Resp: 86779

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.3	13.9
80	10.7	9.8	14.6

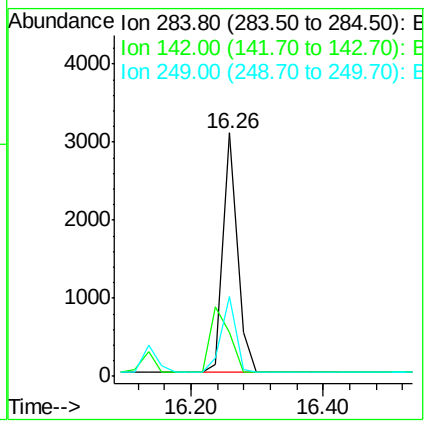




#19
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:284 Resp: 4570

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	32.3	26.5	39.7



Instrument :
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ClientSampleId :
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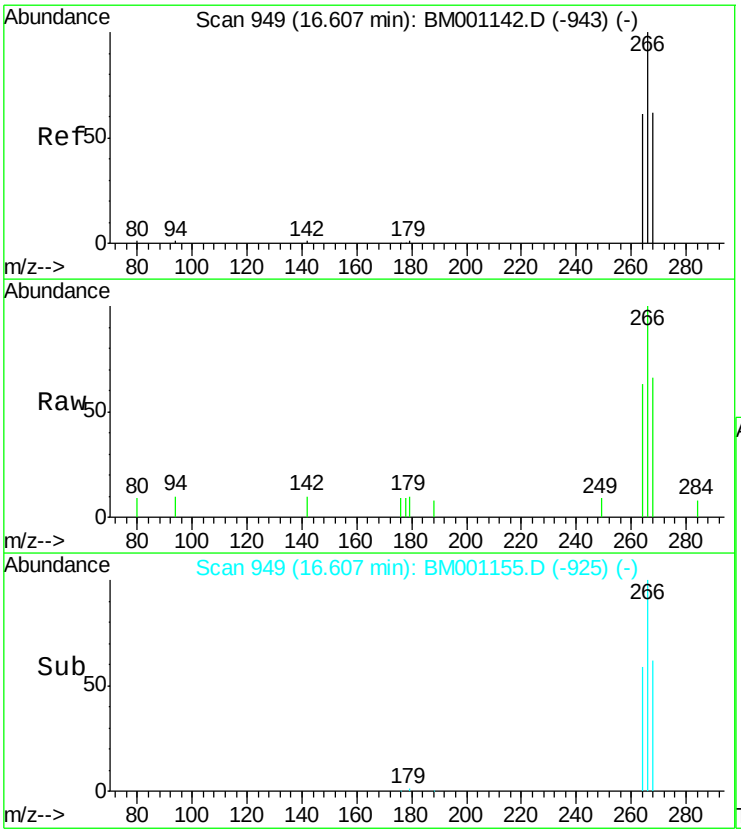
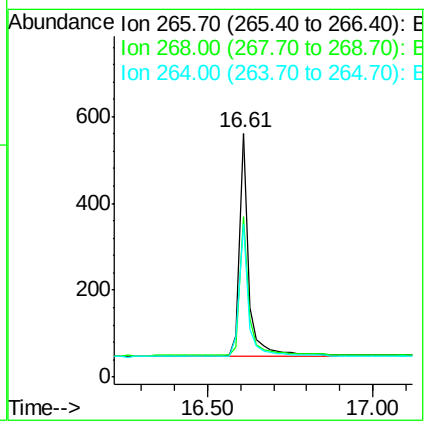
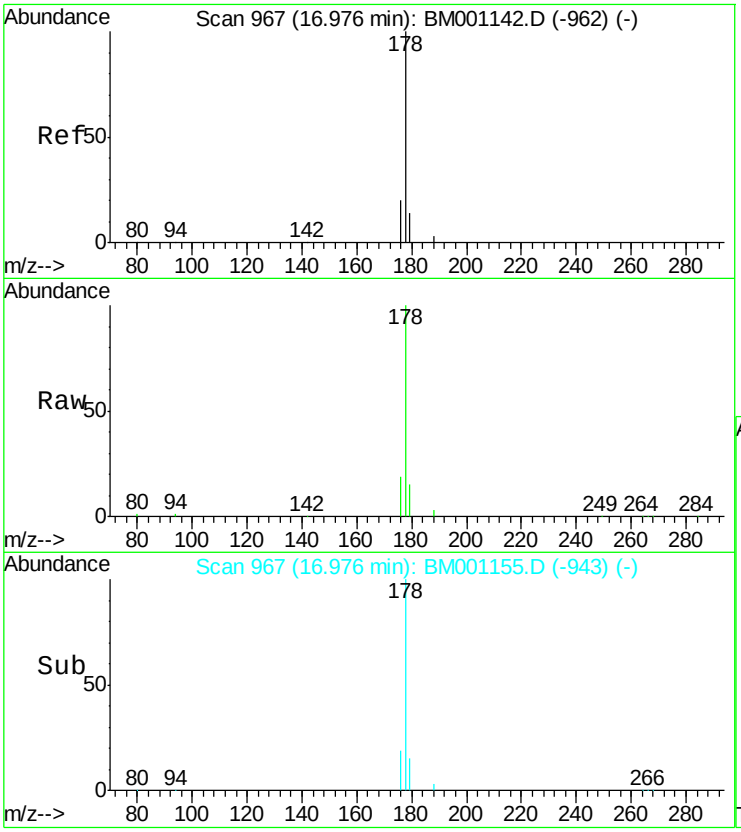


#20
Pentachlorophenol
Concen: 0.85 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.6	79.0
264	62.6	51.0	76.4

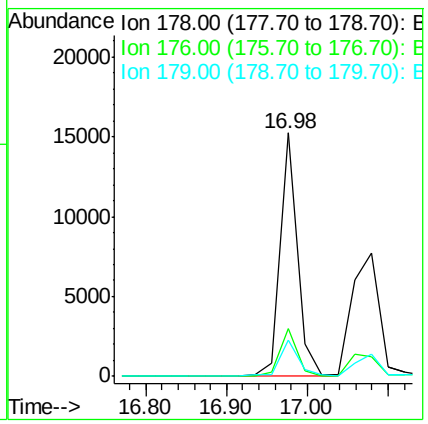




#21
Phenanthrene
Concen: 1.00 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:178 Resp: 22330

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.3	12.0	18.0



Instrument :
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ClientSampleId :
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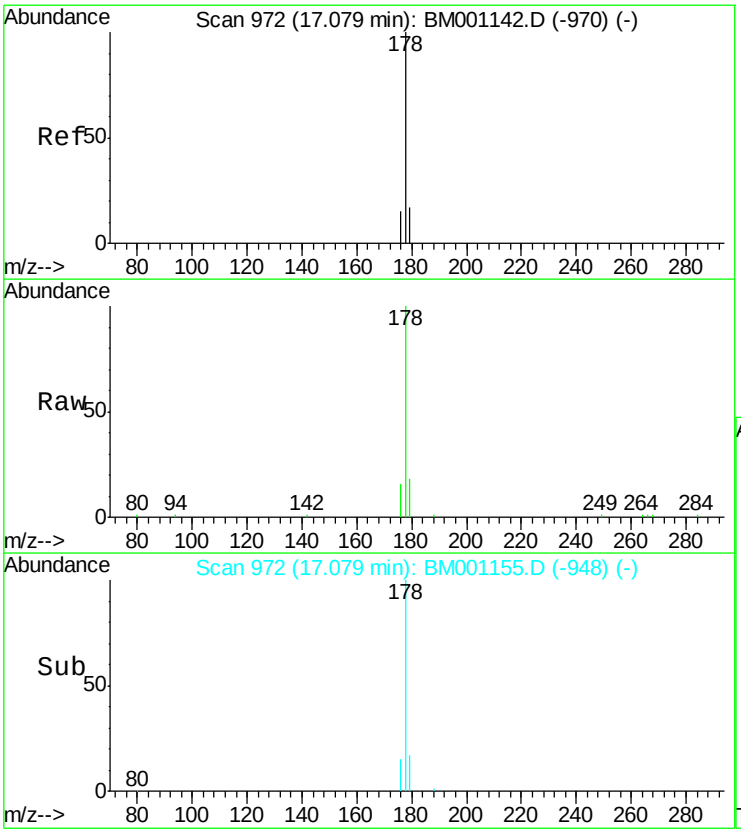
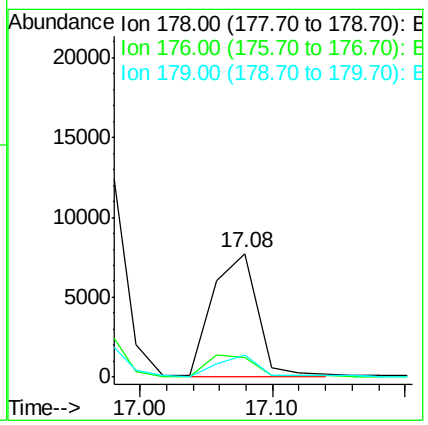
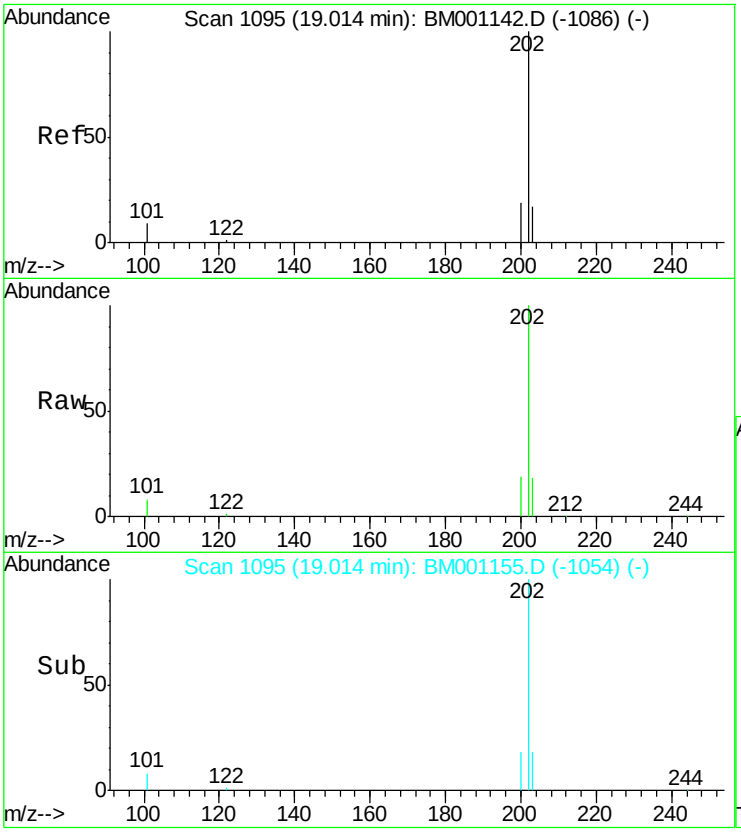


#22
Anthracene
Concen: 0.99 ng m
RT: 17.08 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:178 Resp: 18231

Ion	Ratio	Lower	Upper
178	100		
176	23.1	14.3	21.5#
179	18.7	12.2	18.2#

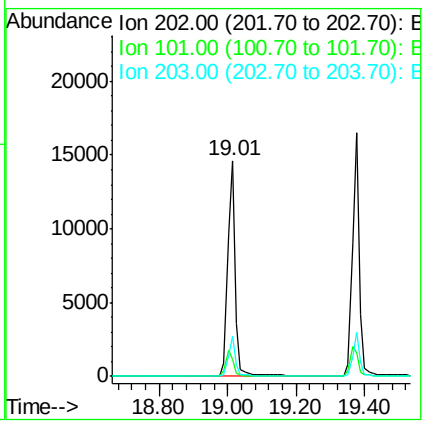




#23
Fluoranthene
Concen: 0.96 ng
RT: 19.01 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:202 Resp: 21744

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
203	17.2	13.7	20.5



Instrument :
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ClientSampleId :
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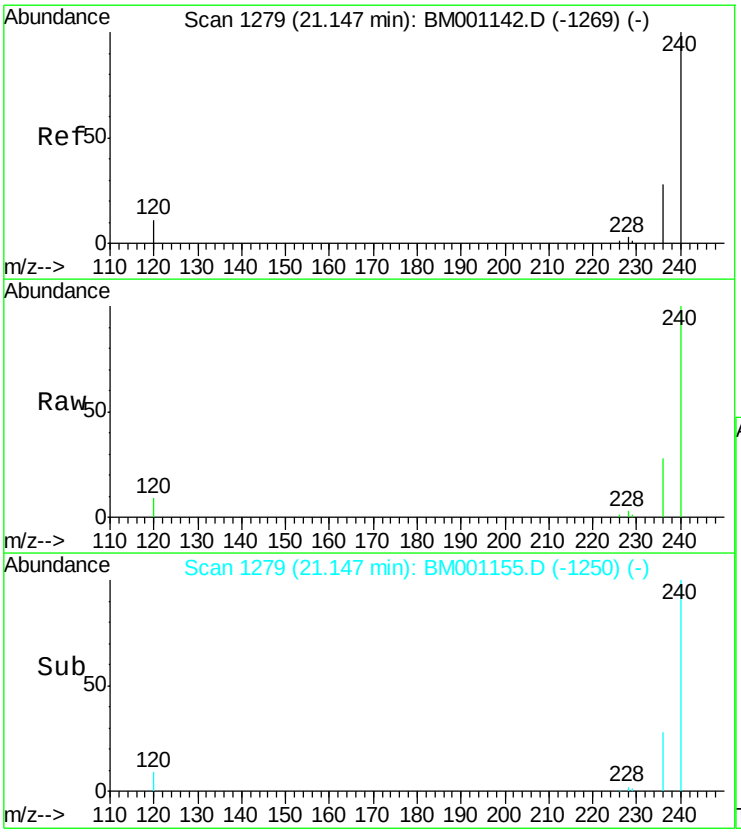
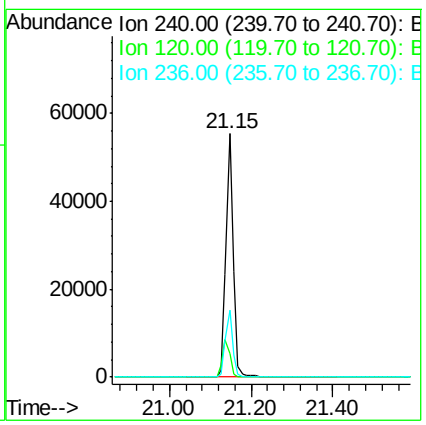
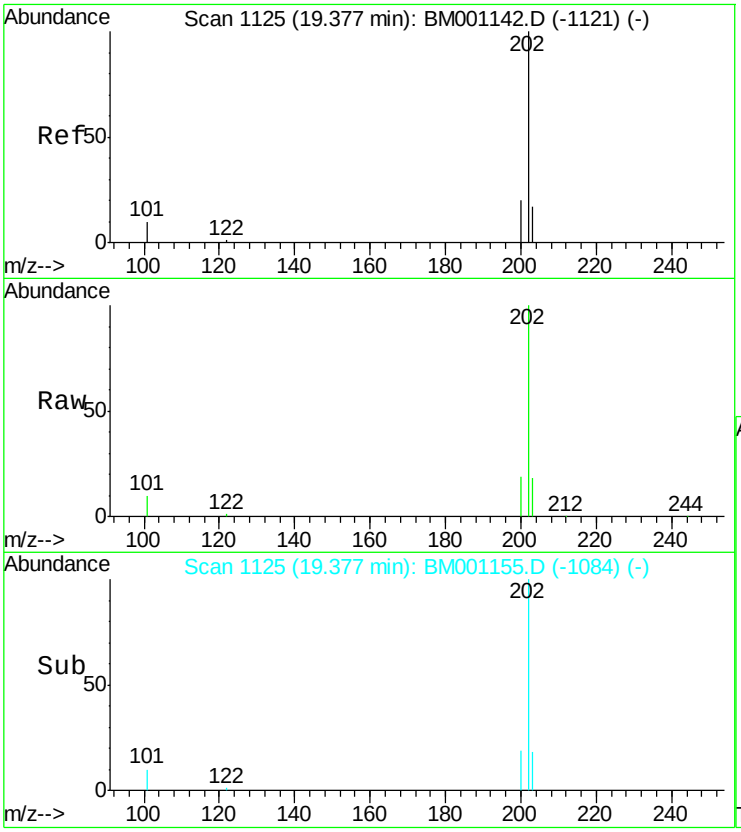


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:240 Resp: 68416

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.2	13.8
236	27.6	22.4	33.6

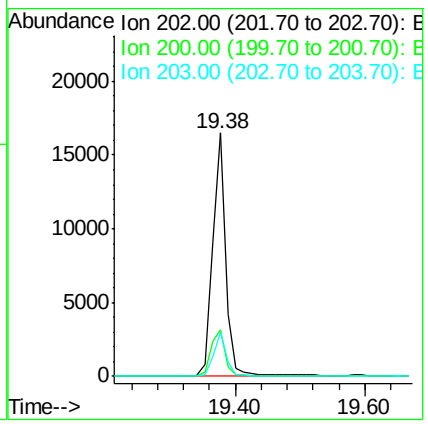




#25
Pyrene
Concen: 1.07 ng
RT: 19.38 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:202 Resp: 22870

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.2	13.8	20.6



Instrument :
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ClientSampleId :
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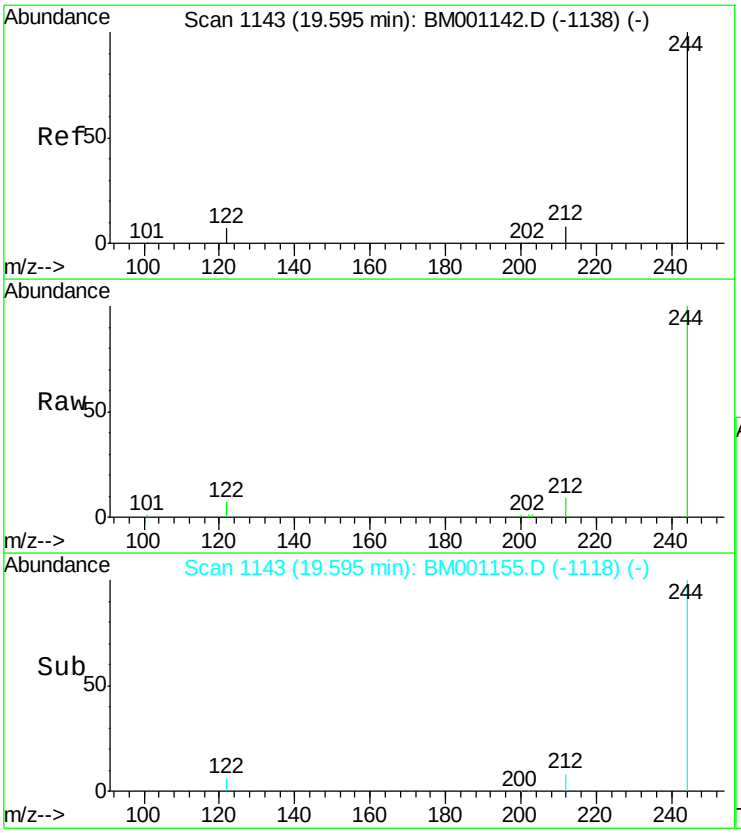
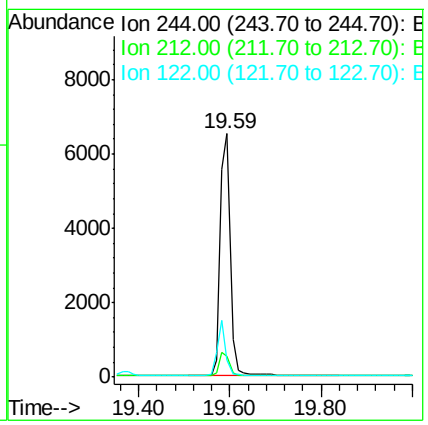
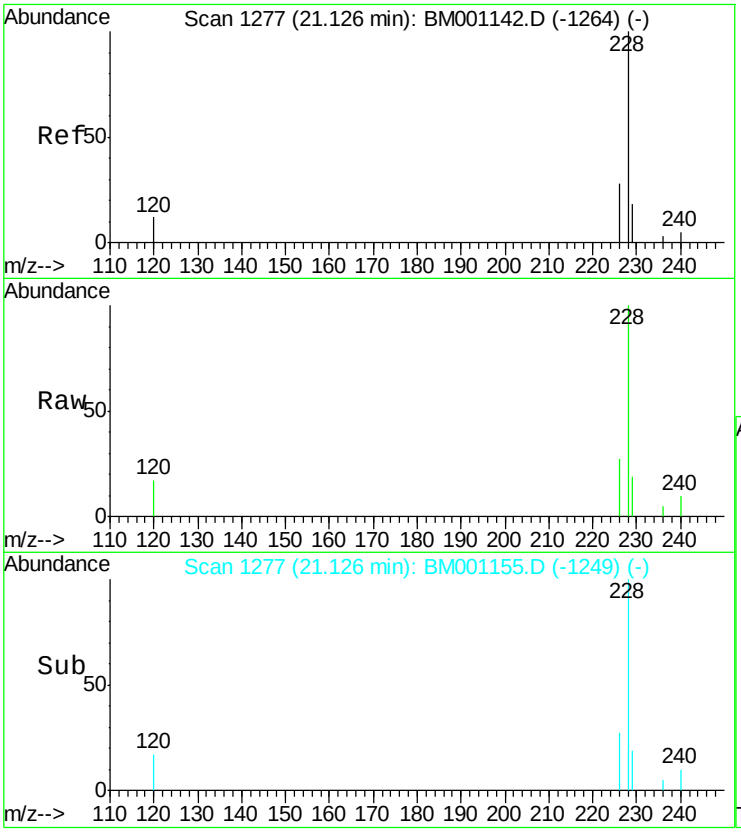


#26
Terphenyl-d14
Concen: 1.07 ng
RT: 19.59 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:244 Resp: 10072

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	6.7	6.2	9.4

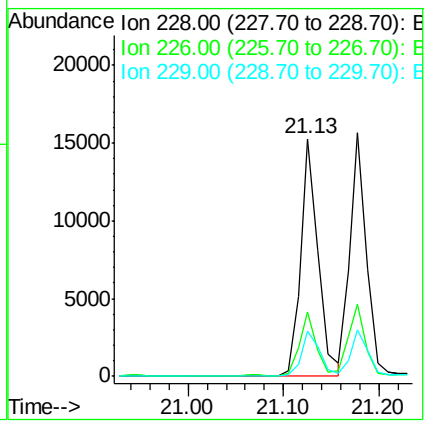




#27
Benzo(a)anthracene
Concen: 1.00 ng
RT: 21.13 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:228 Resp: 19322

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.8	34.2
229	19.0	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
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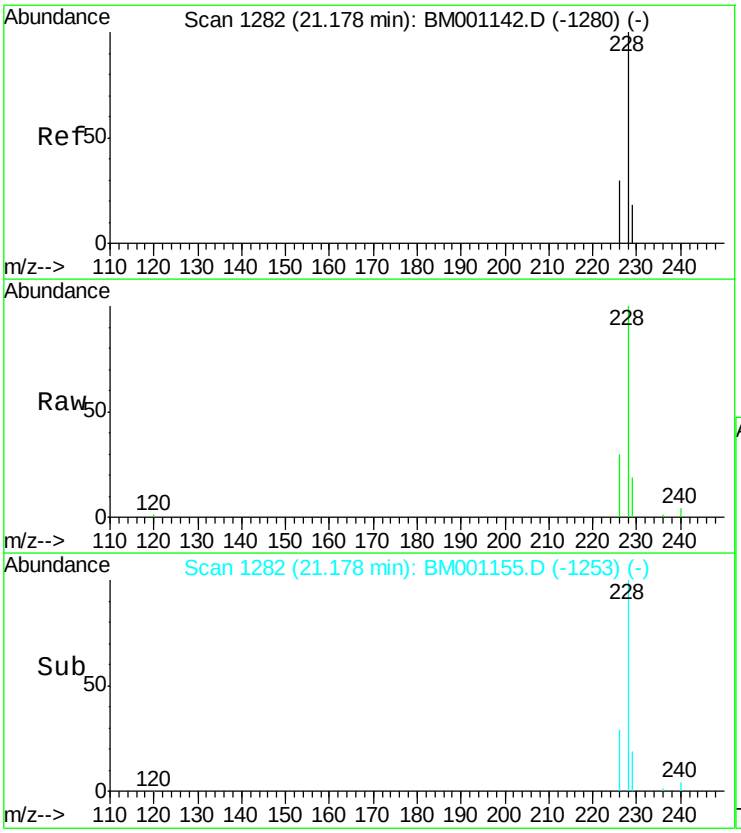
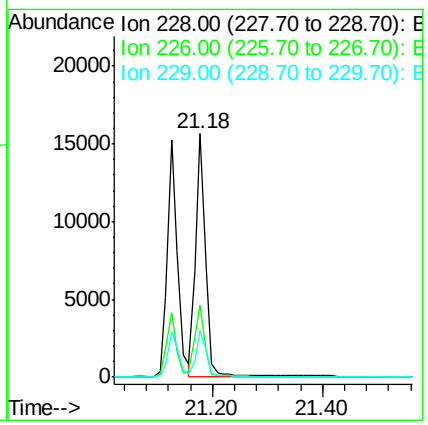
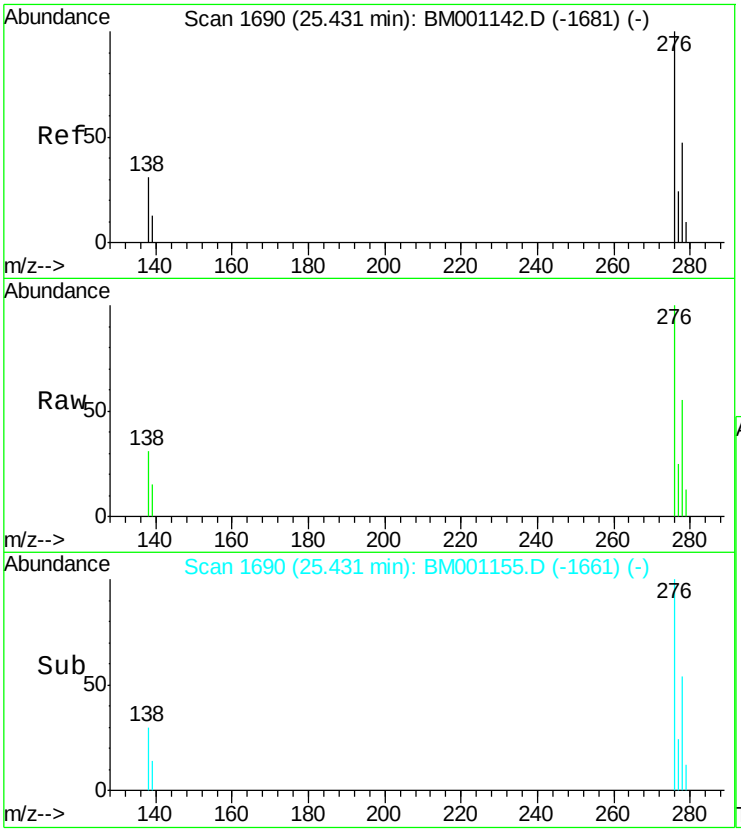


#28
Chrysene
Concen: 1.02 ng
RT: 21.18 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:228 Resp: 19353

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.1	14.3	21.5

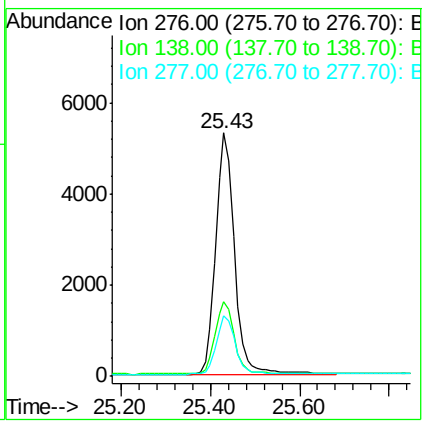




#29
Indeno(1,2,3-cd)pyrene
Concen: 0.89 ng
RT: 25.43 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:276 Resp: 15371

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.2	36.4
277	24.5	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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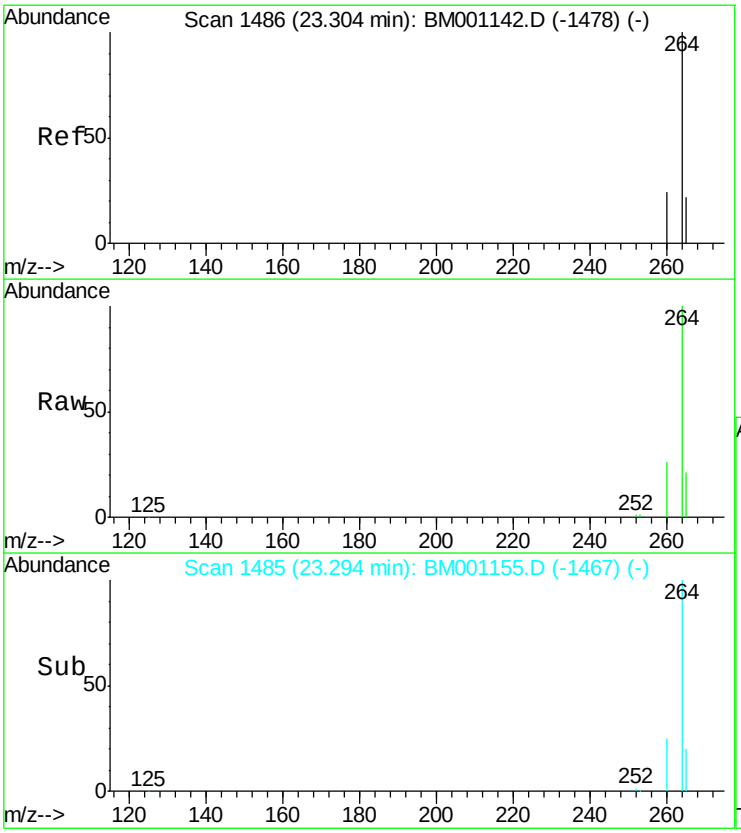
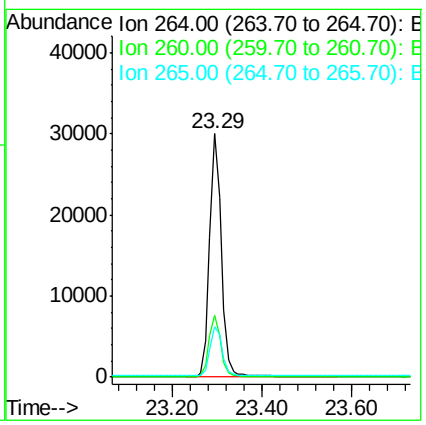
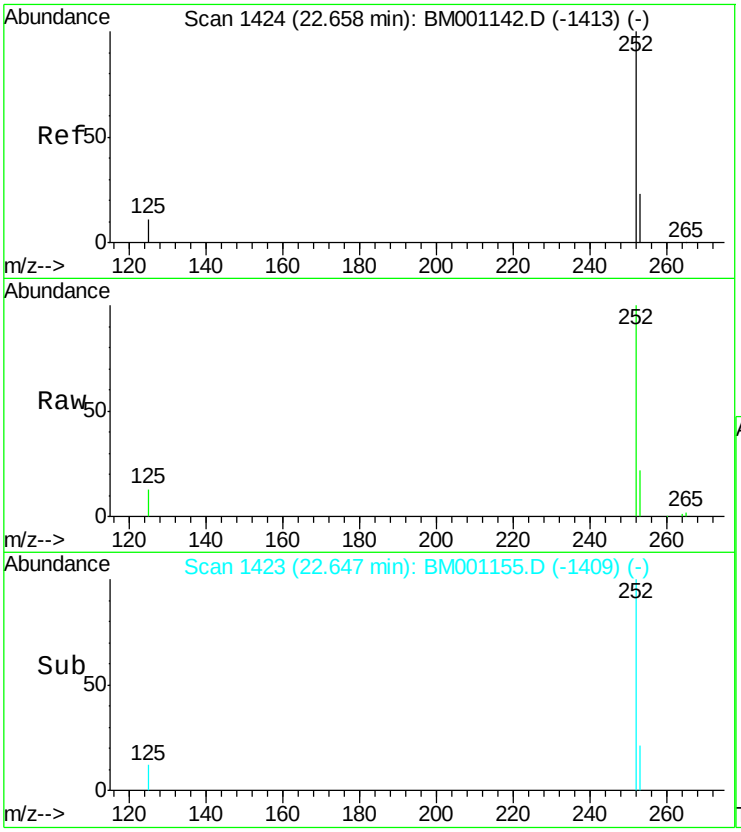


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:264 Resp: 54481

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.9	28.3
265	20.8	18.1	27.1

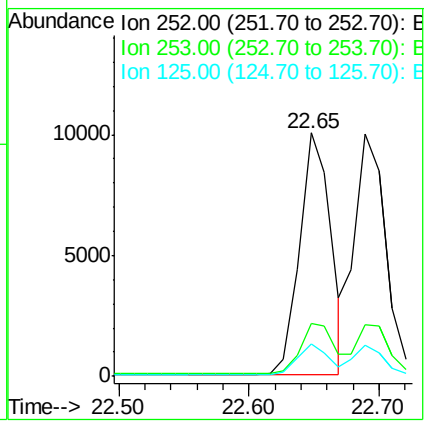




#31
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:252 Resp: 16626

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.0	28.4
125	13.1	9.1	13.7



Instrument :
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ClientSampleId :
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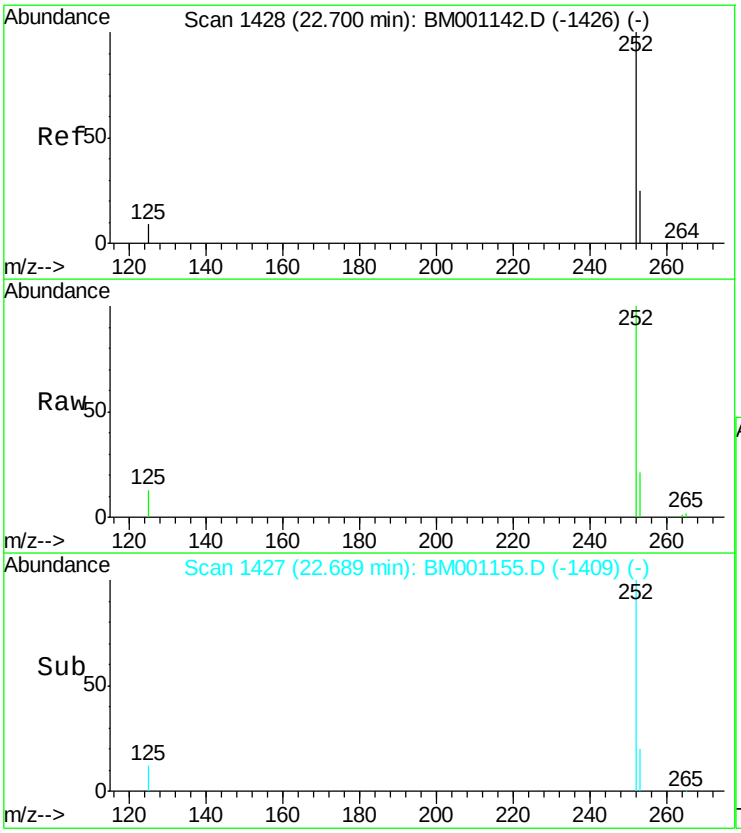
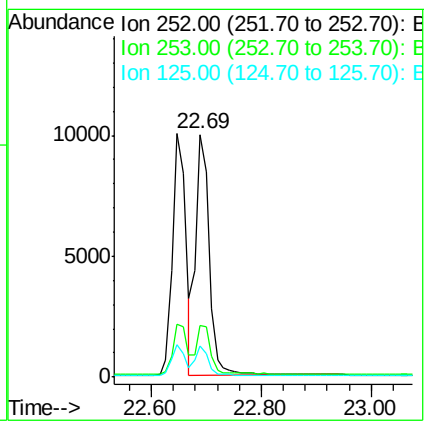
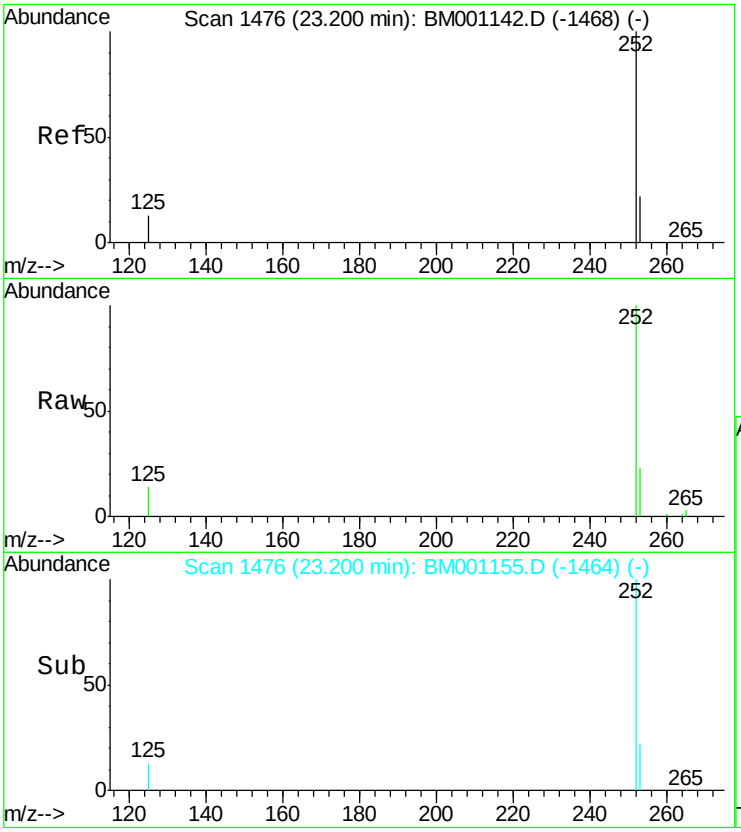


#32
Benzo(k)fluoranthene
Concen: 1.09 ng
RT: 22.69 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:252 Resp: 17065

Ion	Ratio	Lower	Upper
252	100		
253	21.3	19.1	28.7
125	13.1	9.3	13.9





#33
Benzo(a)pyrene
Concen: 1.01 ng
RT: 23.20 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:252 Resp: 14329

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	13.6	10.6	16.0

Instrument :
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ClientSampleId :
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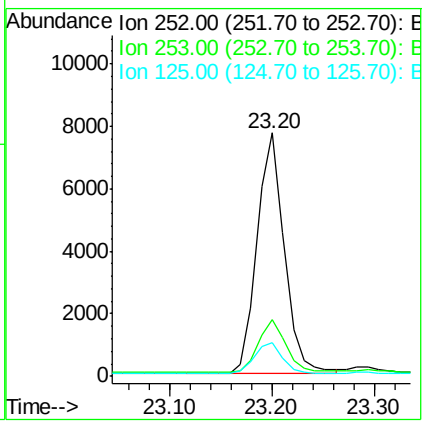
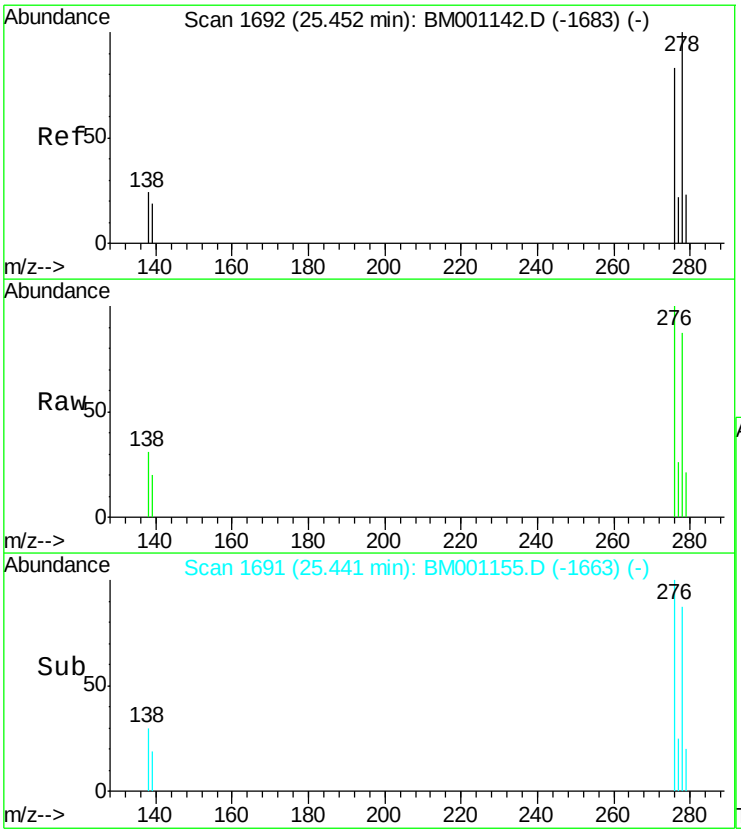
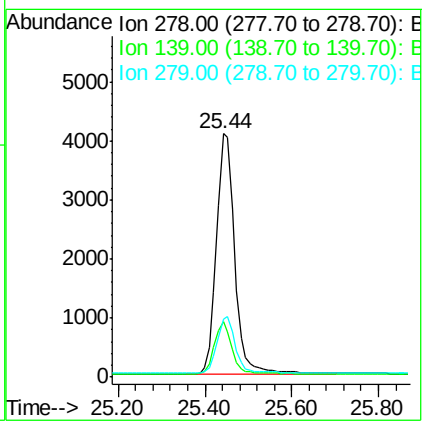


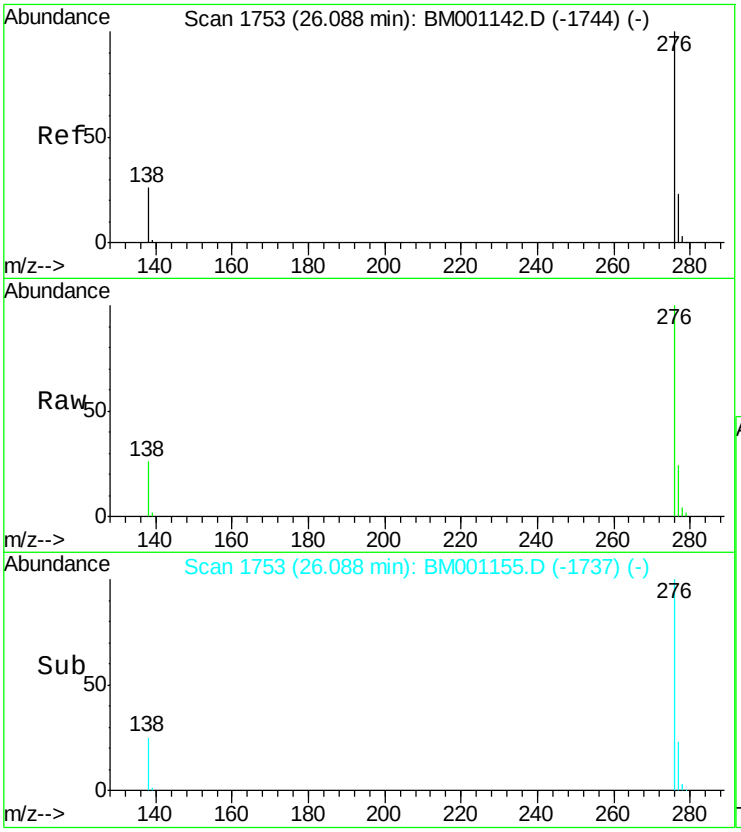


#34
Dibenzo(a,h)anthracene
Concen: 0.96 ng
RT: 25.44 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:278 Resp: 11934

Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.5	23.3
279	24.0	19.7	29.5

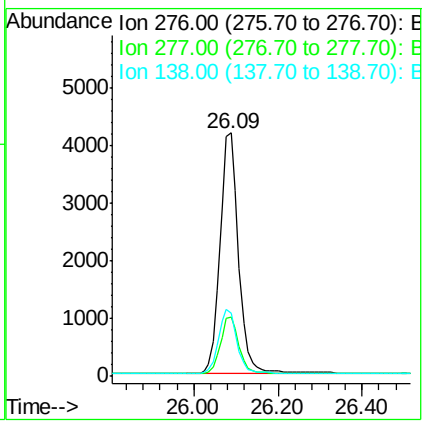




#35
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 26.09 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM001155.D
Acq: 02 May 2015 06:18

Tgt Ion:276 Resp: 12655

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	25.8	21.3	31.9



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ClientSampleId :
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