Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001568.D
Acq On : 05 Jun 2015 16:38
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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Quant Time: Jun 08 05:30:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31677	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	114525	5.00	ng		0.02
12) Acenaphthene-d10	14.35	164	56063	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	112800	5.00	ng		0.00
25) Chrysene-d12	21.28	240	85974	5.00	ng		0.00
32) Perylene-d12	23.52	264	78747	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	68874	9.65	ng		0.00
5) Phenol-d6	6.86	99	87425	9.96	ng		0.00
7) Nitrobenzene-d5	8.86	82	83317	10.33	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	26787	11.51	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	160638	9.63	ng		0.00
27) Terphenyl-d14	19.73	244	105121	9.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	27058	8.16	ng		98
3) n-Nitrosodimethylamine	3.51	42	48048	9.79	ng	#	98
8) Nitrobenzene	8.90	77	90194	10.60	ng		98
9) Naphthalene	10.52	128	229984	9.54	ng		99
10) Hexachlorobutadiene	10.82	225	41121	9.89	ng		100
11) 2-Methylnaphthalene	12.16	142	150088	9.92	ng	#	85
15) Acenaphthylene	14.06	152	249483	10.28	ng		99
16) Acenaphthene	14.41	154	148559	10.08	ng		96
17) Fluorene	15.39	166	103465	8.95	ng	#	98
21) Pentachlorophenol	16.75	266	16779	12.82	ng		95
22) Phenanthrene	17.12	178	345292	10.33	ng		98
23) Anthracene	17.23	178	139246m	9.22	ng		
24) Fluoranthene	19.15	202	261267	10.95	ng		100
26) Pyrene	19.52	202	270968	10.21	ng		100
28) Benzo(a)anthracene	21.27	228	242834m	10.09	ng		
29) Chrysene	21.31	228	202620m	9.39	ng		
30) Bis(2-ethylhexyl)phthalate	21.21	149	164308	9.64	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	232038	9.80	ng		100
33) Benzo(b)fluoranthene	22.84	252	209260	9.58	ng		98
34) Benzo(k)fluoranthene	22.89	252	208701	10.21	ng		95
35) Benzo(a)pyrene	23.42	252	194016	9.83	ng		96
36) Dibenzo(a,h)anthracene	25.80	278	181355	9.85	ng		98
37) Benzo(g,h,i)perylene	26.48	276	187058	9.66	ng		99

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

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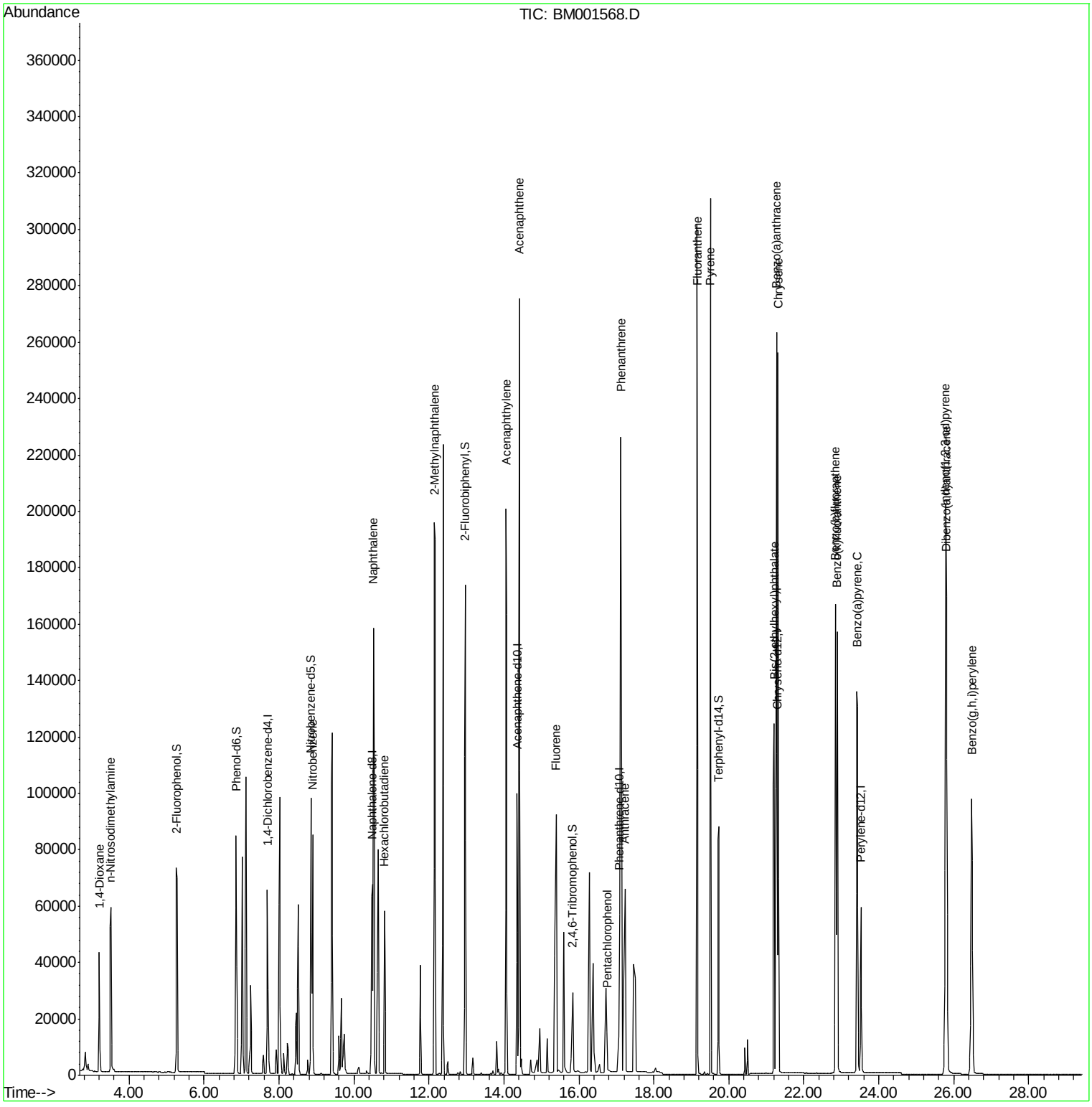
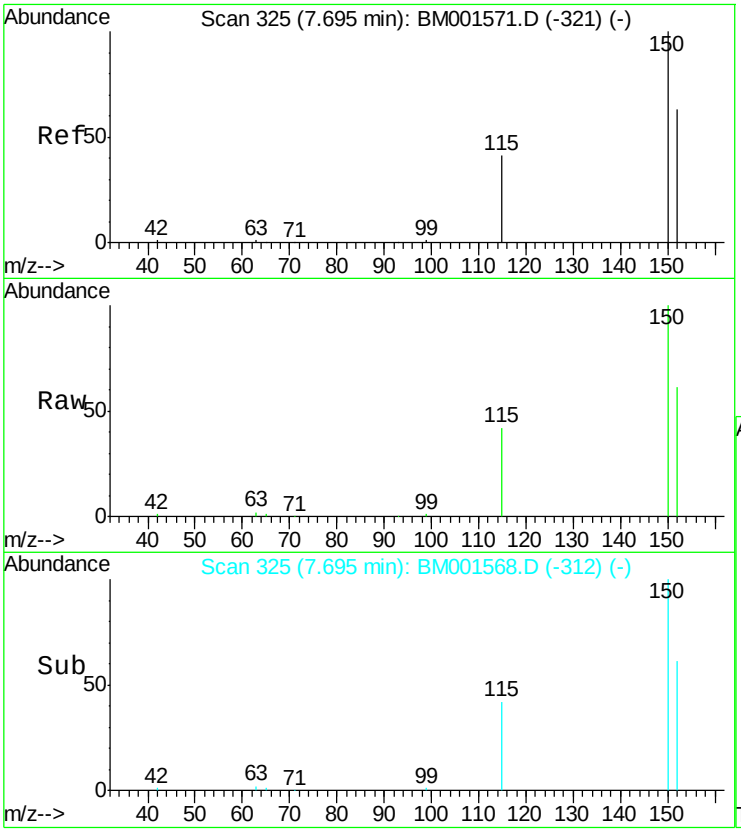
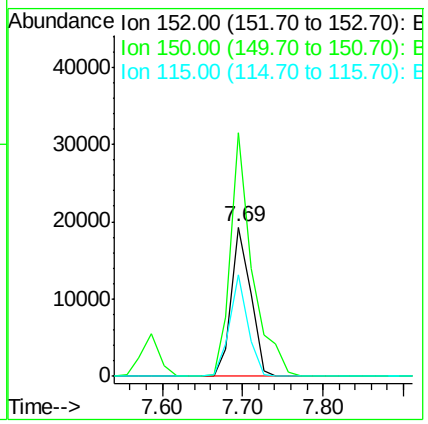




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:152 Resp: 31677

Ion	Ratio	Lower	Upper
152	100		
150	163.0	126.6	190.0
115	68.1	51.6	77.4



Instrument :
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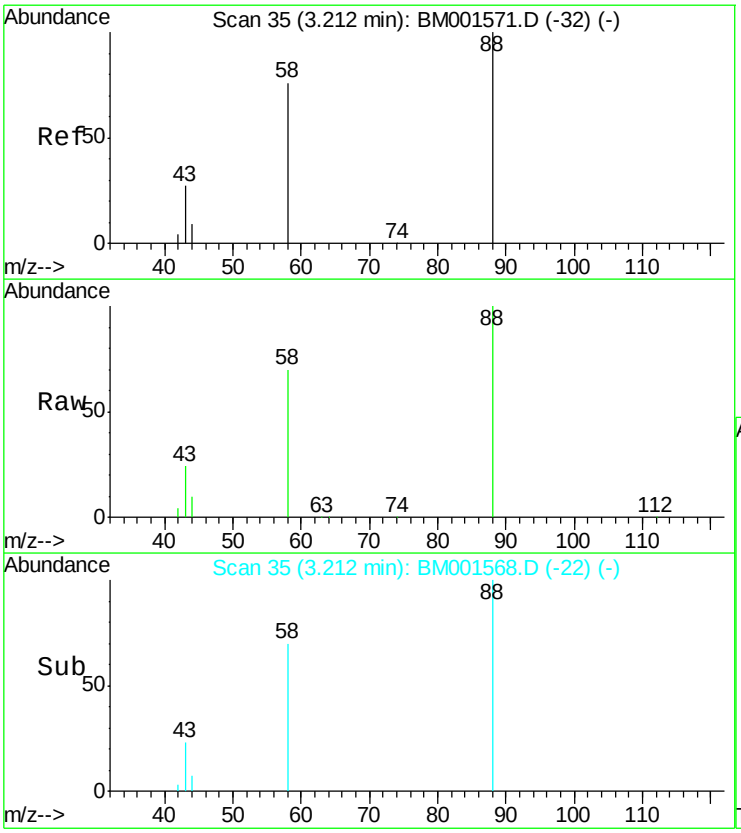
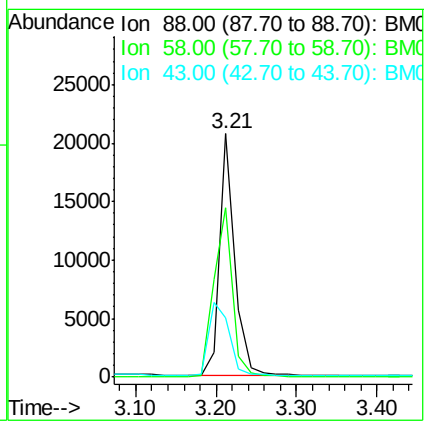
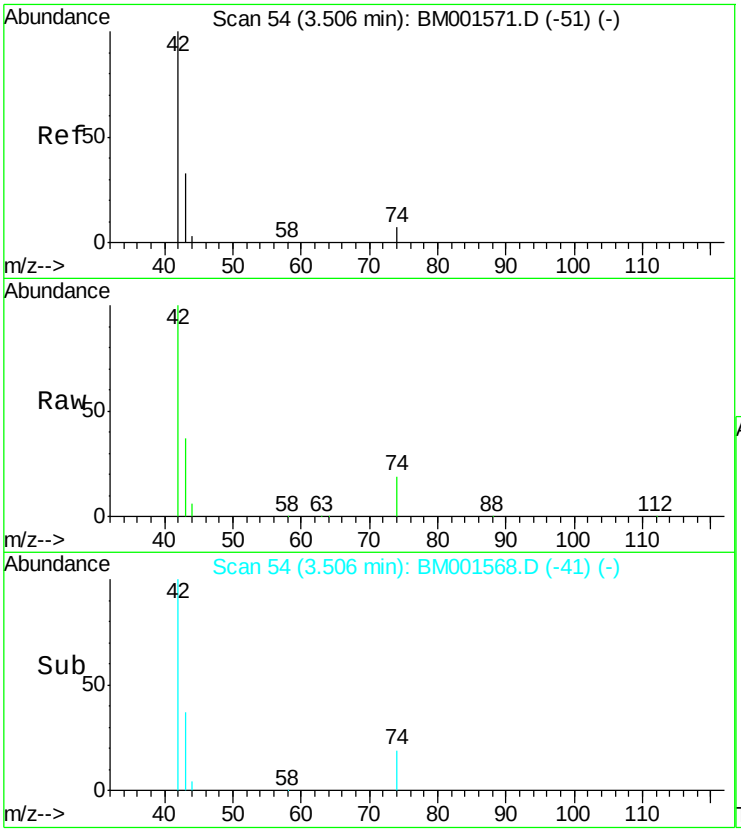


#2
1,4-Dioxane
Concen: 8.16 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion: 88 Resp: 27058

Ion	Ratio	Lower	Upper
88	100		
58	85.4	66.1	99.1
43	40.8	32.3	48.5

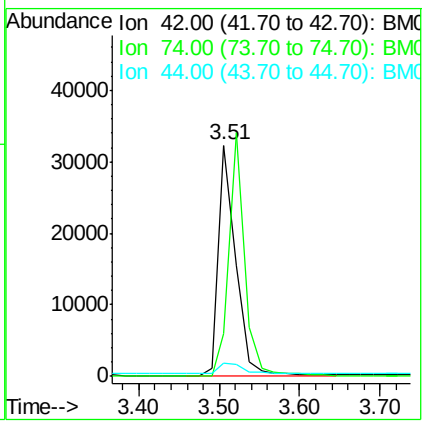




#3
n-Nitrosodimethylamine
Concen: 9.79 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion: 42 Resp: 48048

Ion	Ratio	Lower	Upper
42	100		
74	95.4	77.2	115.8
44	5.7	7.4	11.2#



Instrument :
BNA_M
ClientSampleId :
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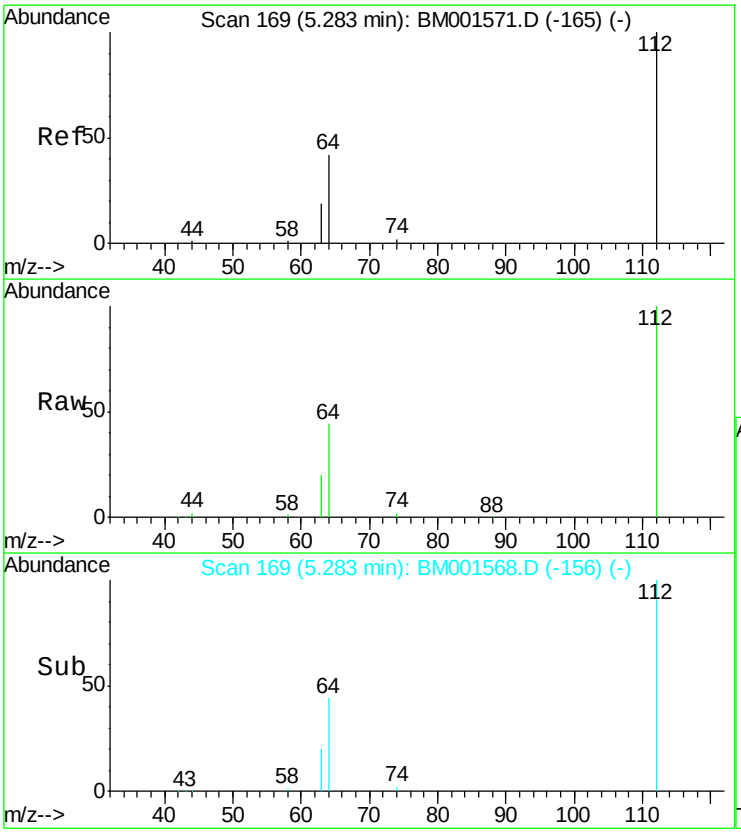
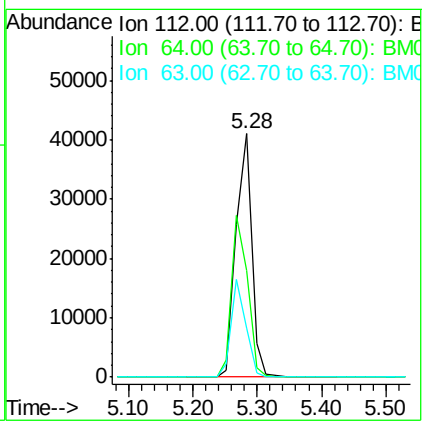
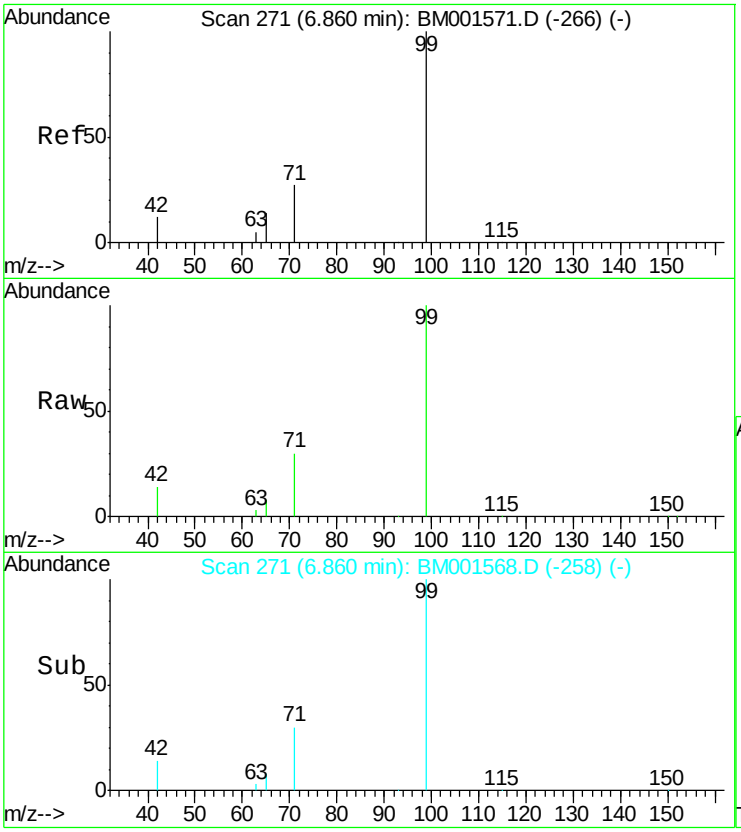


#4
2-Fluorophenol
Concen: 9.65 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:112 Resp: 68874

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.3	79.9
63	37.4	29.7	44.5

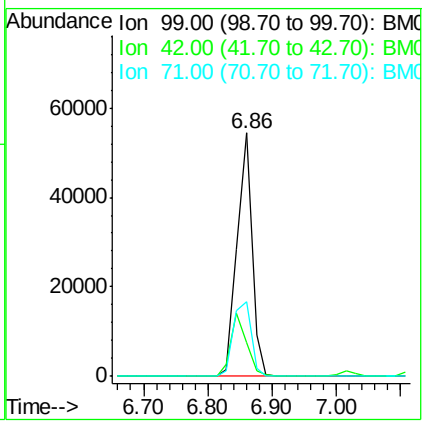




#5
Phenol-d6
Concen: 9.96 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion: 99 Resp: 87425

Ion	Ratio	Lower	Upper
99	100		
42	27.2	21.4	32.2
71	36.5	29.0	43.4



Instrument :
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ClientSampleId :
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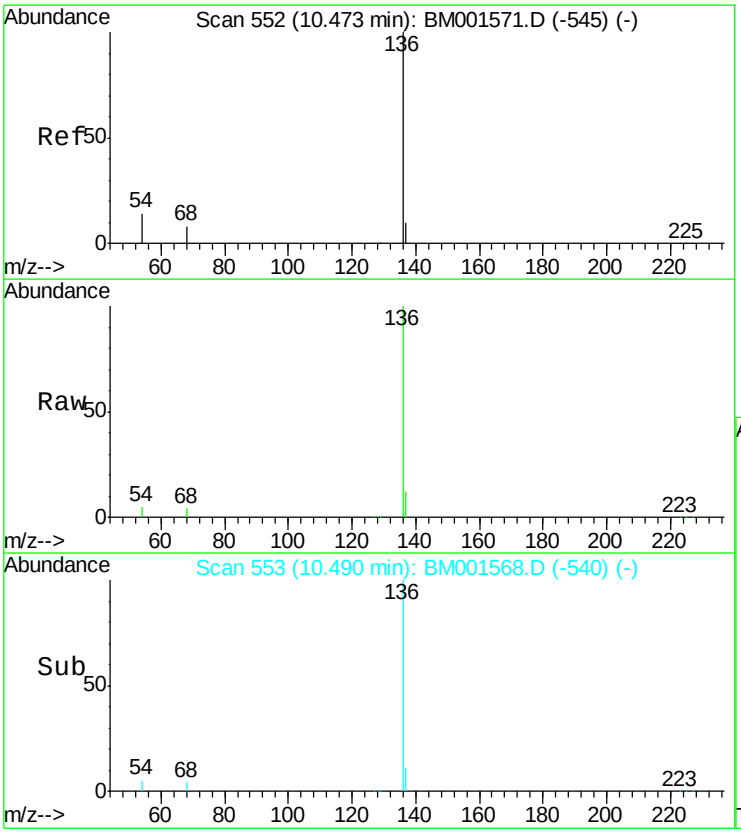
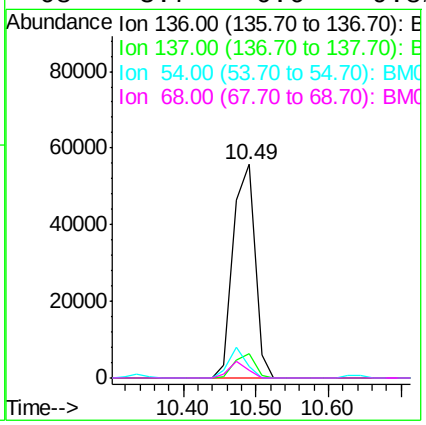
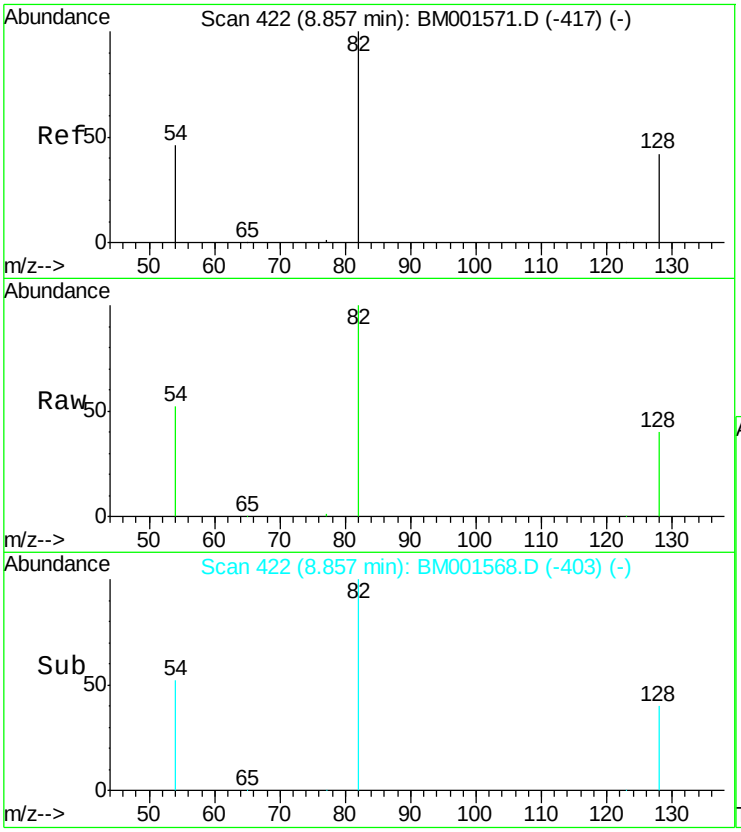


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.02 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:136 Resp: 114525

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.1	12.1
54	5.4	11.7	17.5#
68	3.7	6.6	9.8#

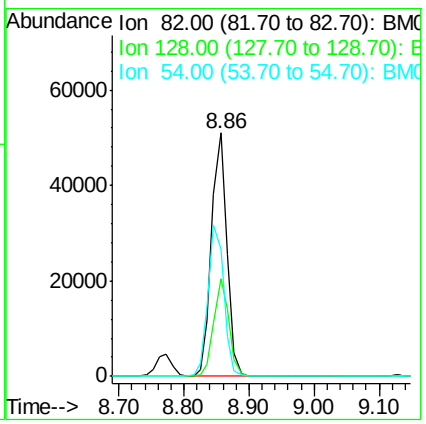




#7
Nitrobenzene-d5
Concen: 10.33 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion: 82 Resp: 83317

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.1	51.1
54	52.1	37.8	56.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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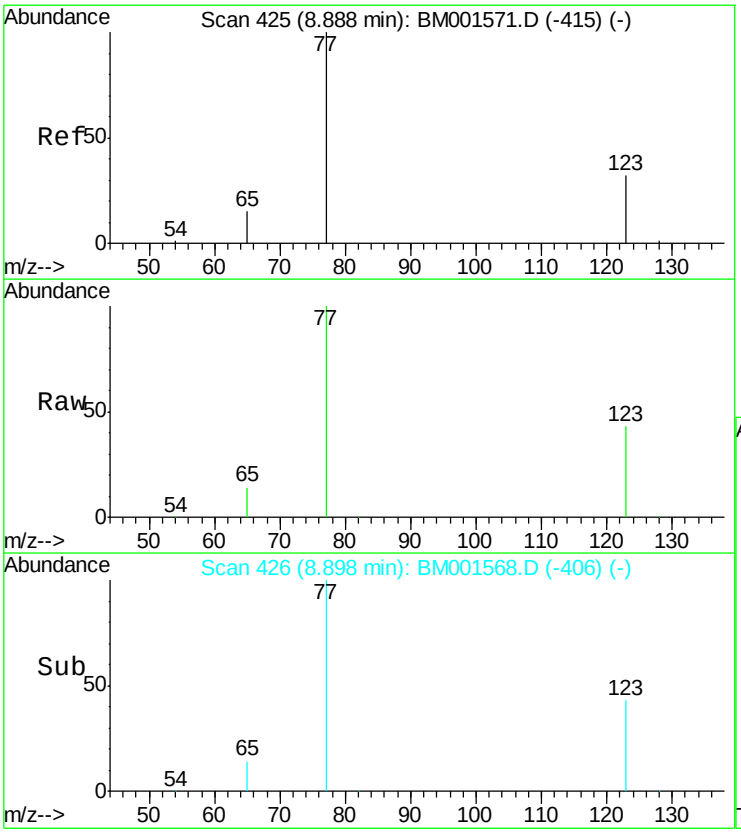
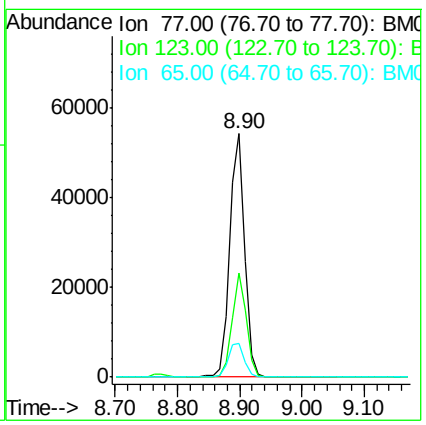
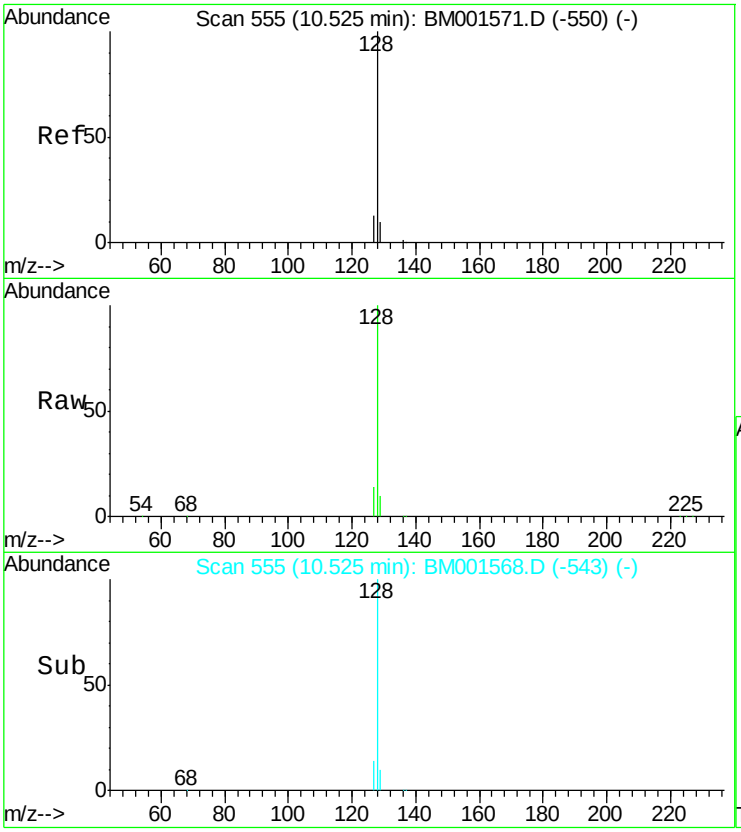


#8
Nitrobenzene
Concen: 10.60 ng
RT: 8.90 min Scan# 426
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion: 77 Resp: 90194

Ion	Ratio	Lower	Upper
77	100		
123	41.0	31.7	47.5
65	14.7	11.4	17.0

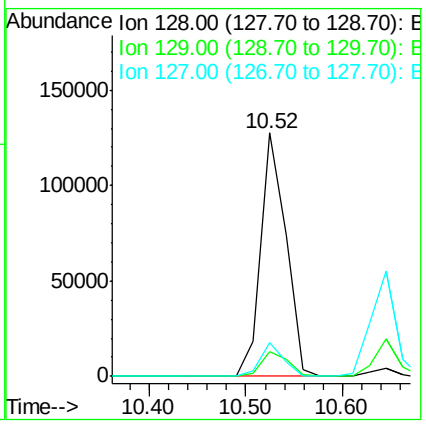




#9
Naphthalene
Concen: 9.54 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:128 Resp: 229984

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.7	13.1
127	13.7	10.7	16.1



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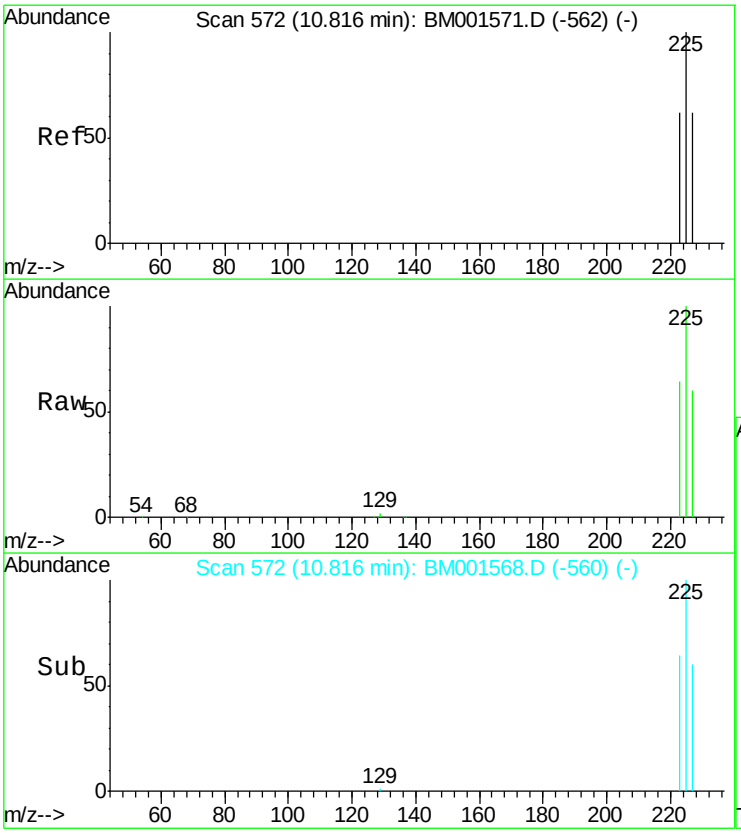
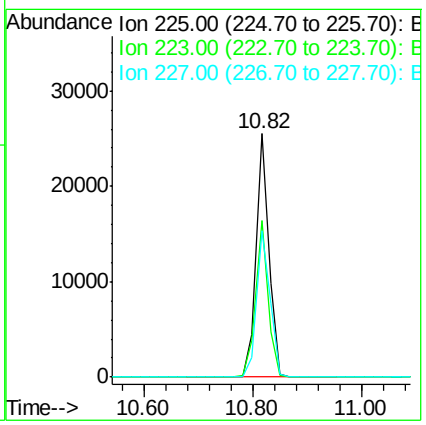
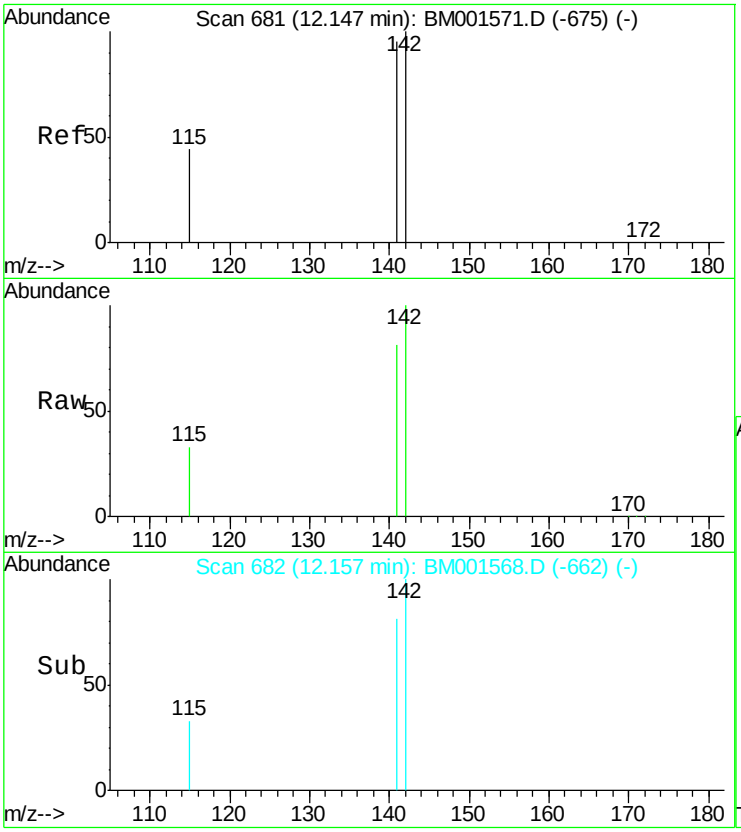


#10
Hexachlorobutadiene
Concen: 9.89 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:225 Resp: 41121

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.4	50.8	76.2

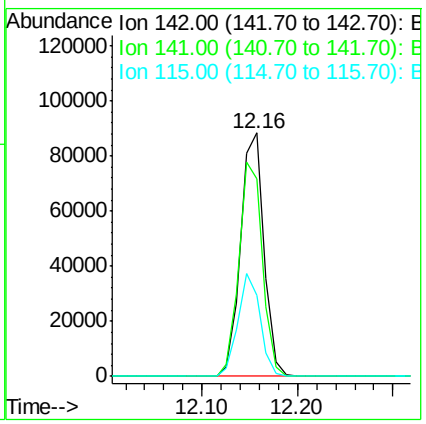




#11
2-Methylnaphthalene
Concen: 9.92 ng
RT: 12.16 min Scan# 682
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:142 Resp: 150088

Ion	Ratio	Lower	Upper
142	100		
141	81.4	75.6	113.4
115	33.5	35.5	53.3#



Instrument :
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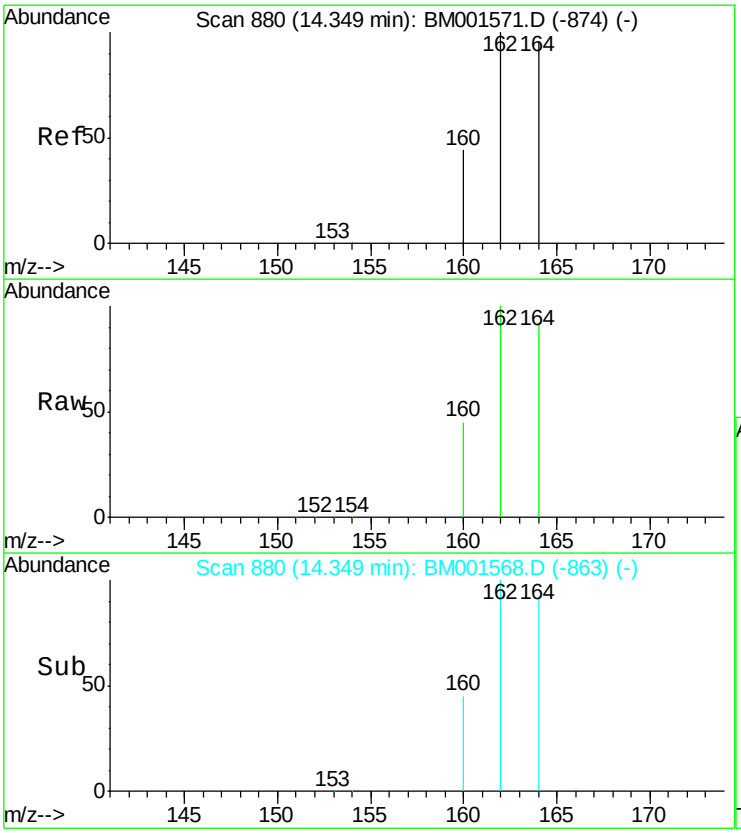
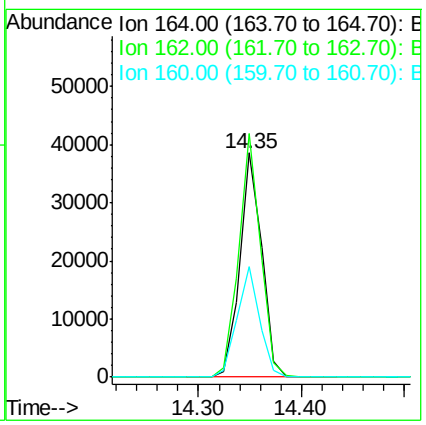
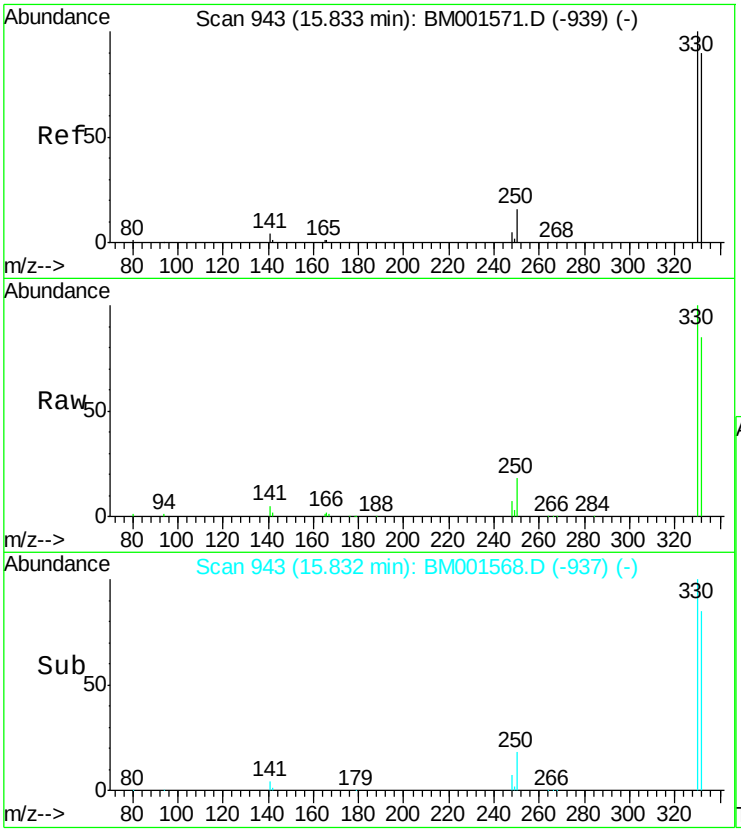


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:164 Resp: 56063

Ion	Ratio	Lower	Upper
164	100		
162	108.6	83.8	125.6
160	49.2	37.1	55.7

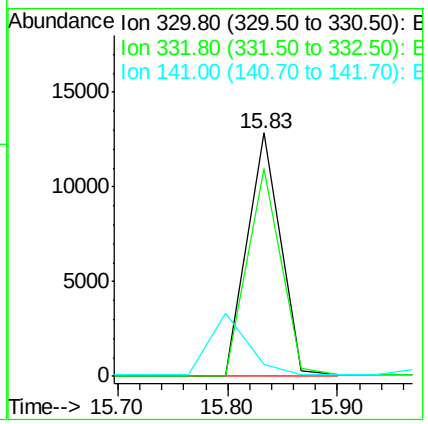




#13
2,4,6-Tribromophenol
Concen: 11.51 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:330 Resp: 26787

Ion	Ratio	Lower	Upper
330	100		
332	86.2	72.0	108.0
141	0.0	0.0	0.0



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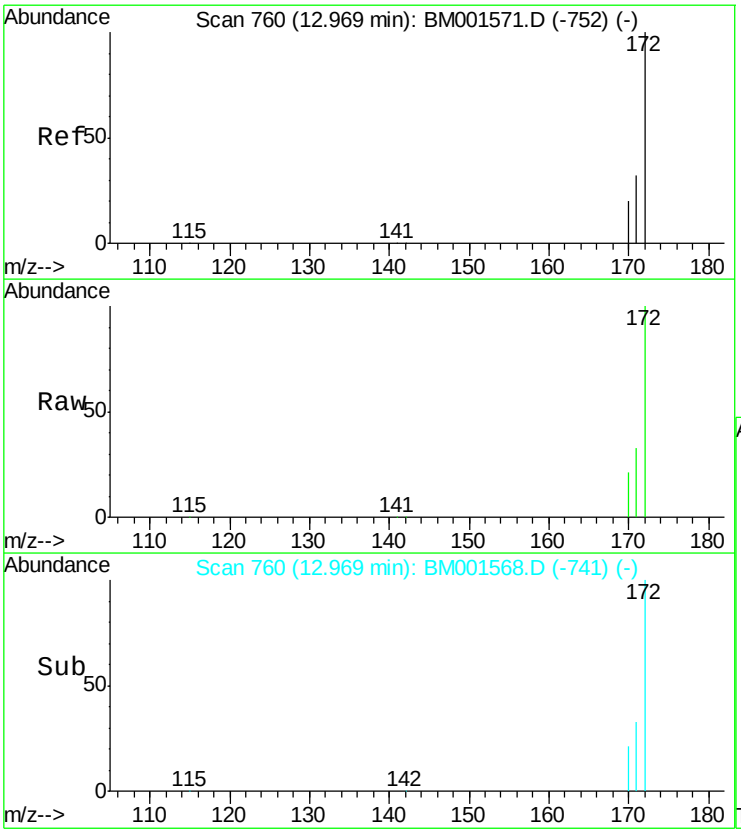
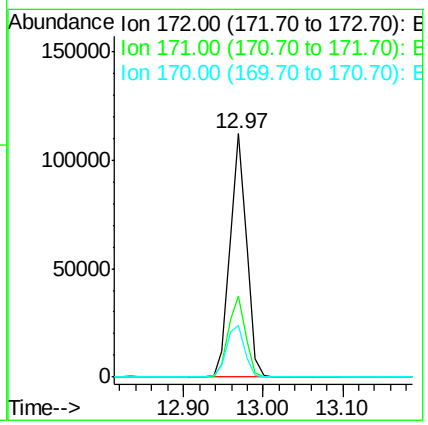
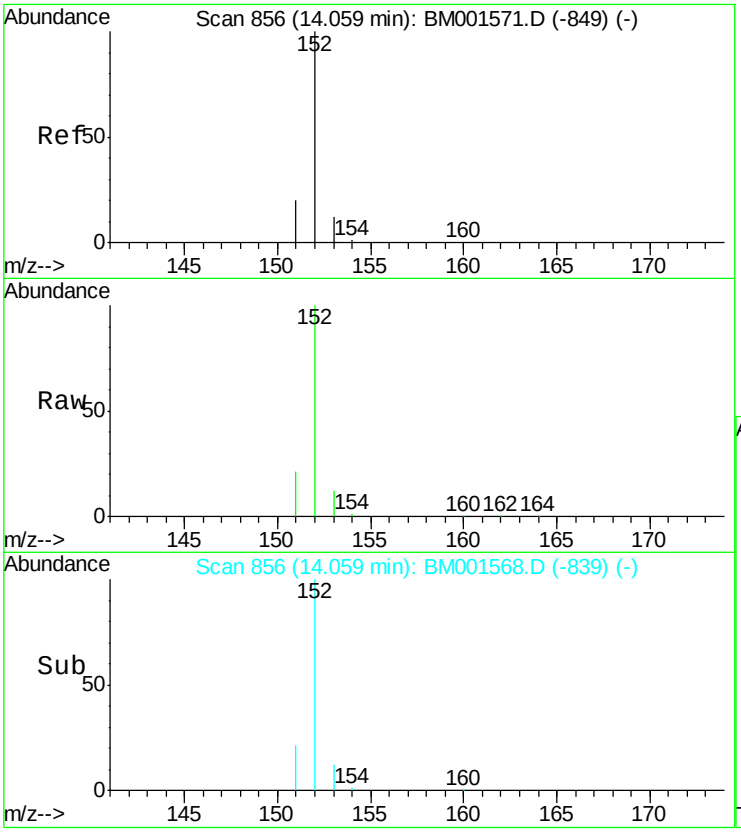


#14
2-Fluorobiphenyl
Concen: 9.63 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:172 Resp: 160638

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.2	39.2
170	21.2	16.1	24.1

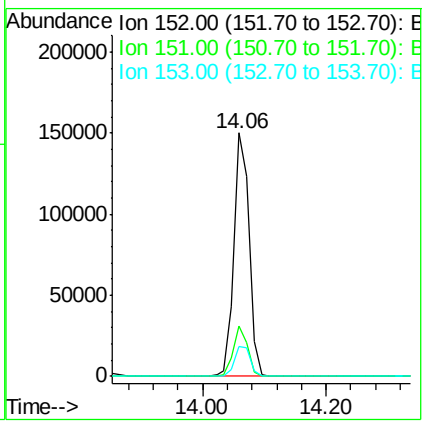




#15
Acenaphthylene
Concen: 10.28 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:152 Resp: 249483

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8
153	12.9	10.3	15.5



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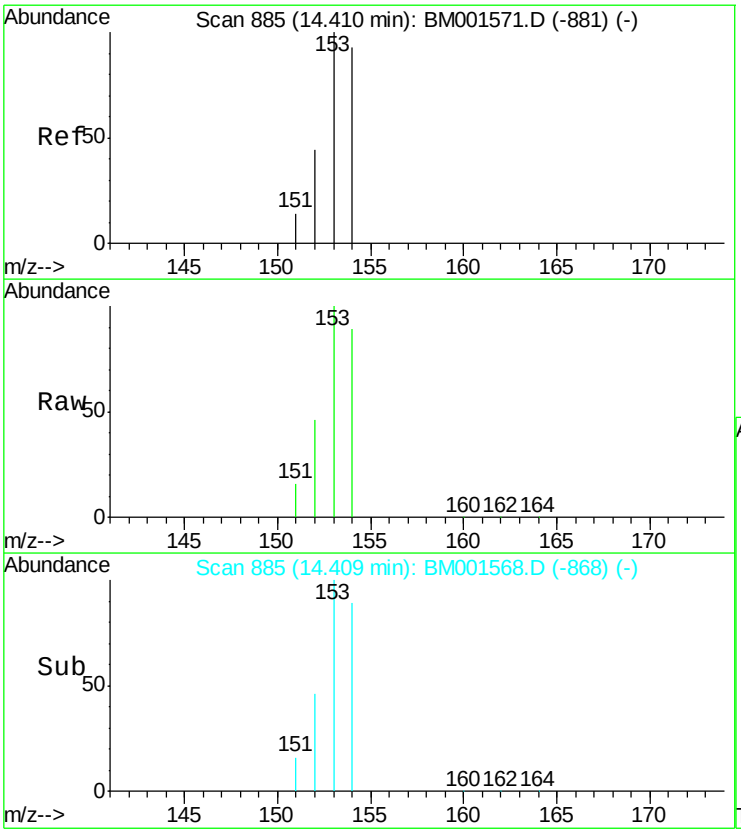
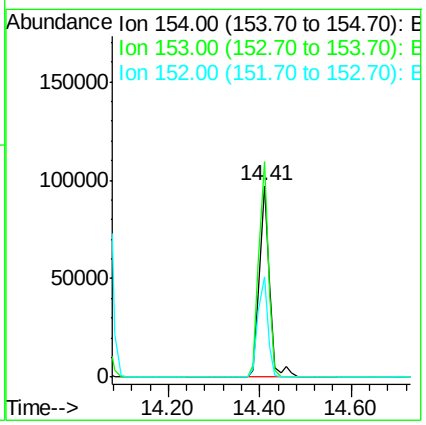
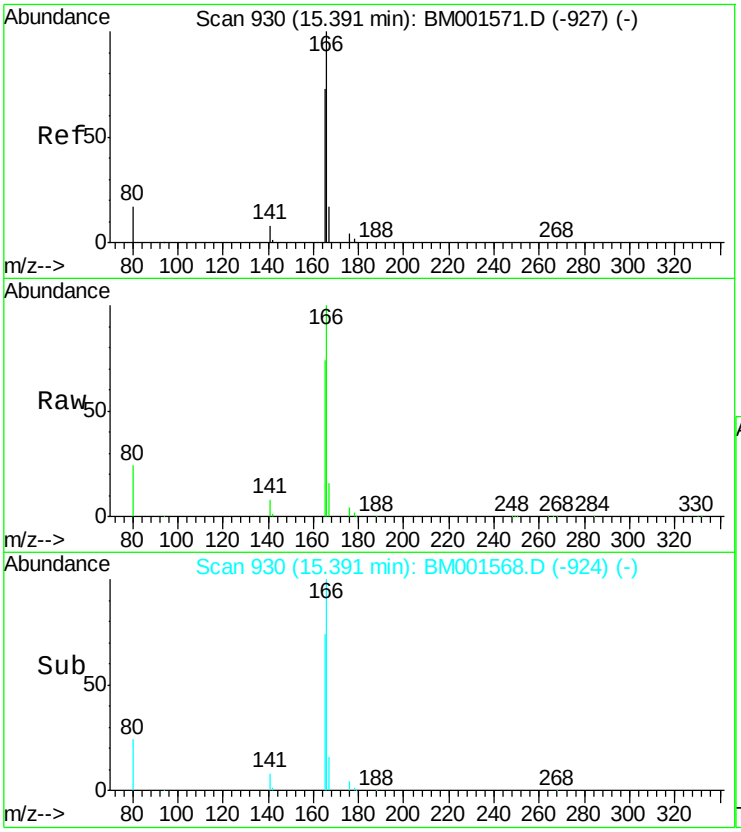


#16
Acenaphthene
Concen: 10.08 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:154 Resp: 148559

Ion	Ratio	Lower	Upper
154	100		
153	106.9	89.1	133.7
152	51.2	43.2	64.8

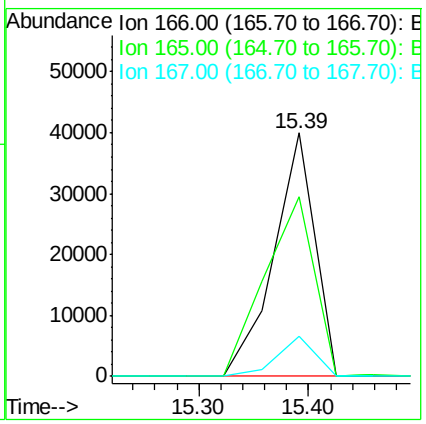




#17
Fluorene
Concen: 8.95 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:166 Resp: 103465

Ion	Ratio	Lower	Upper
166	100		
165	88.5	0.0	0.0#
167	14.9	11.3	16.9



Instrument :
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ClientSampleId :
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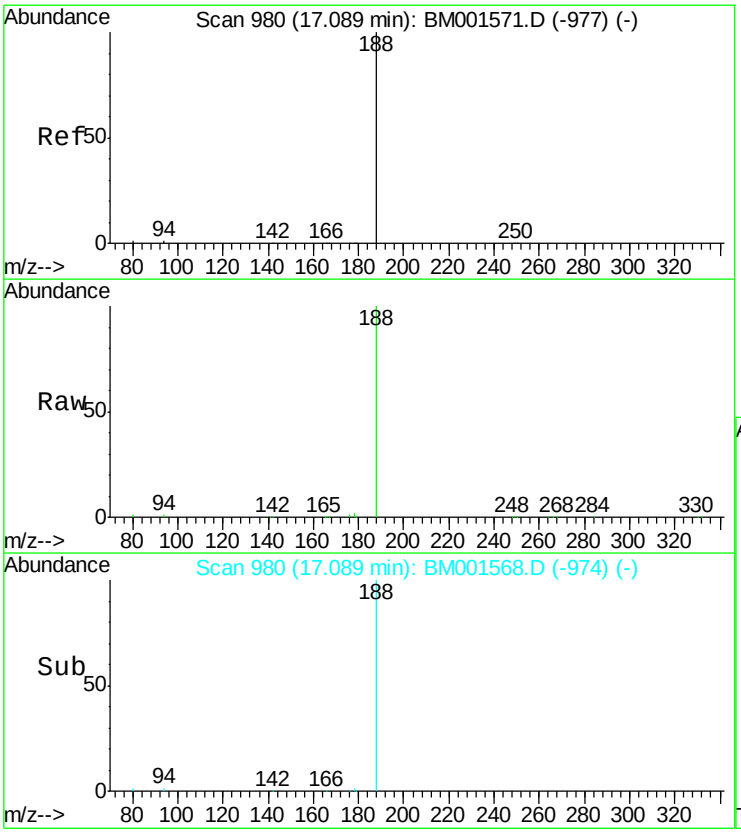
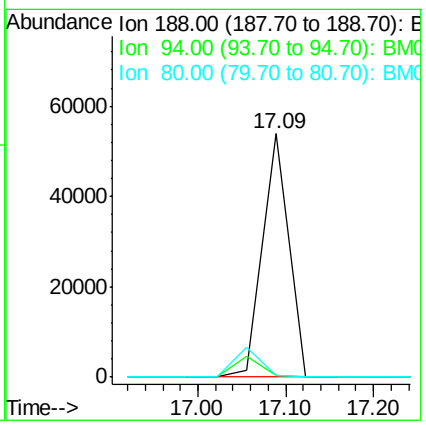
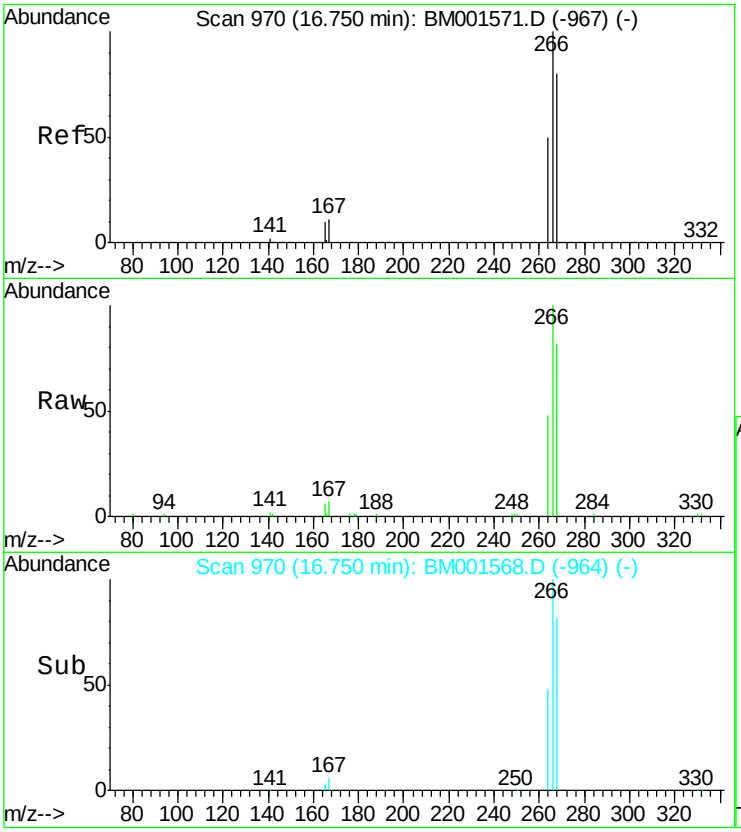


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:188 Resp: 112800

Ion	Ratio	Lower	Upper
188	100		
94	0.8	0.7	1.1
80	0.7	0.6	1.0

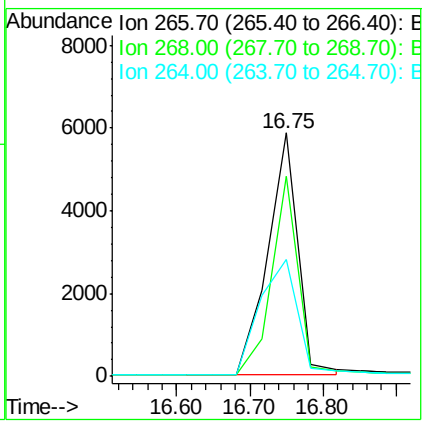




#21
Pentachlorophenol
Concen: 12.82 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:266 Resp: 16779

Ion	Ratio	Lower	Upper
266	100		
268	82.4	66.3	99.5
264	48.2	45.5	68.3



Instrument :
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ClientSampleId :
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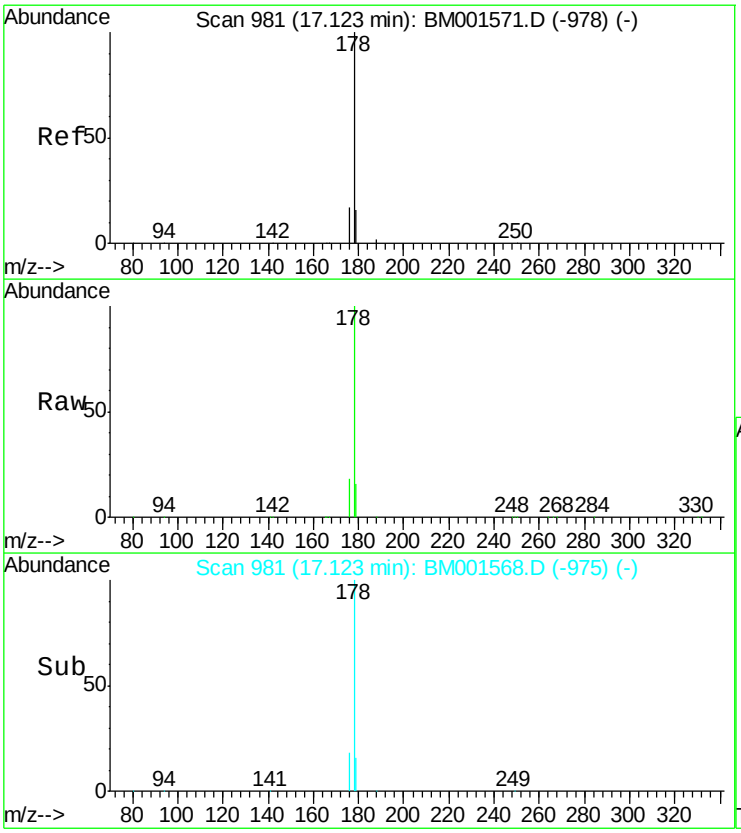
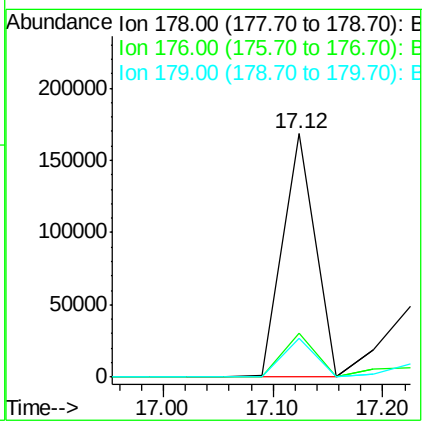
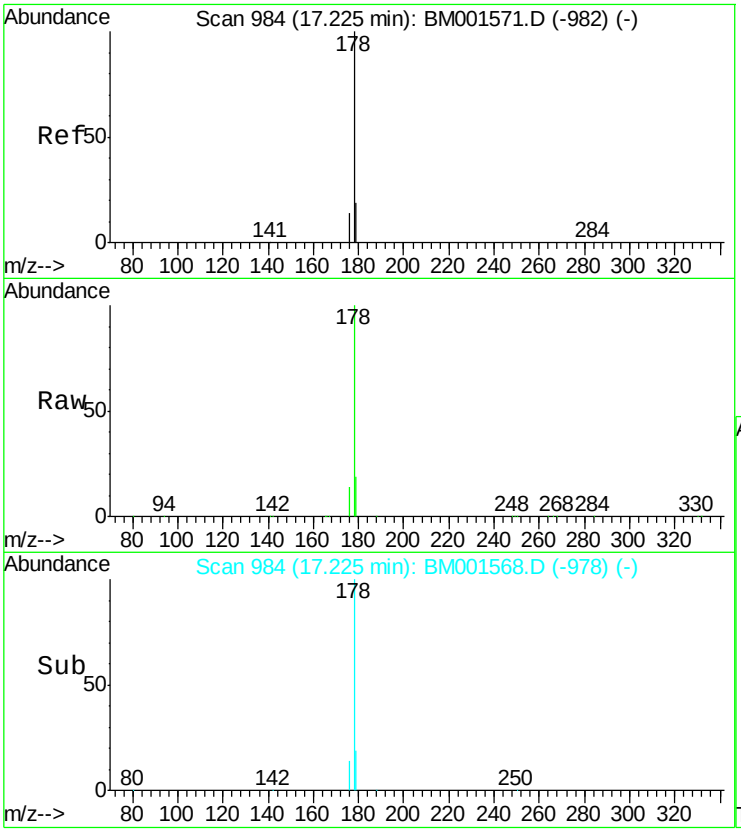


#22
Phenanthrene
Concen: 10.33 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:178 Resp: 345292

Ion	Ratio	Lower	Upper
178	100		
176	17.9	13.5	20.3
179	15.9	13.3	19.9

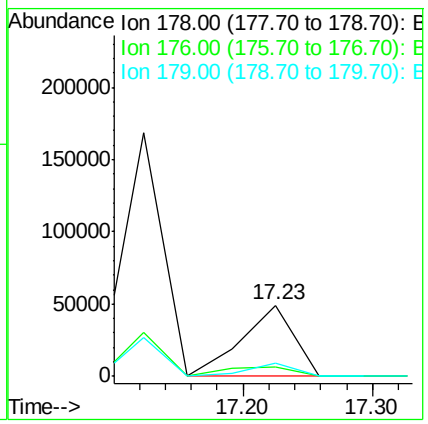




#23
Anthracene
Concen: 9.22 ng m
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:178 Resp: 139246

Ion	Ratio	Lower	Upper
178	100		
176	61.2	45.9	68.9
179	41.7	33.3	49.9



Instrument :
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ClientSampleId :
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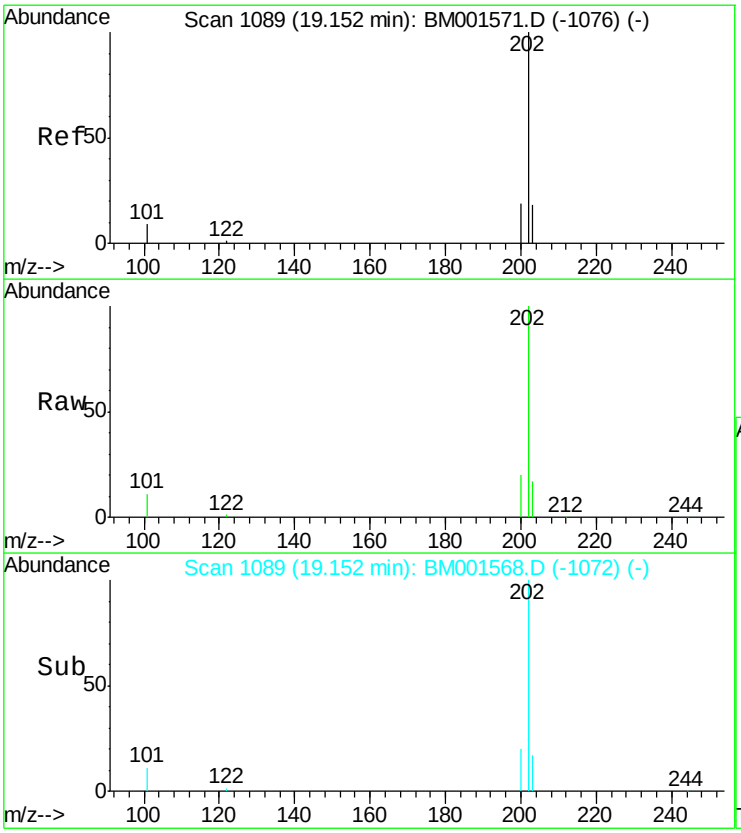
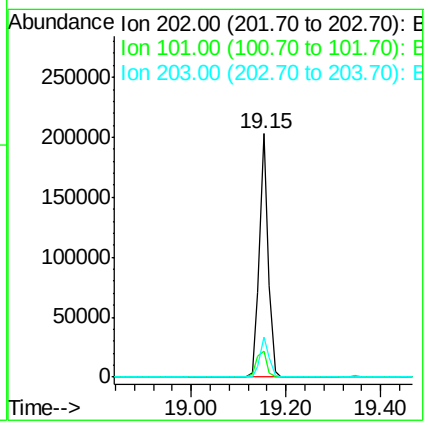
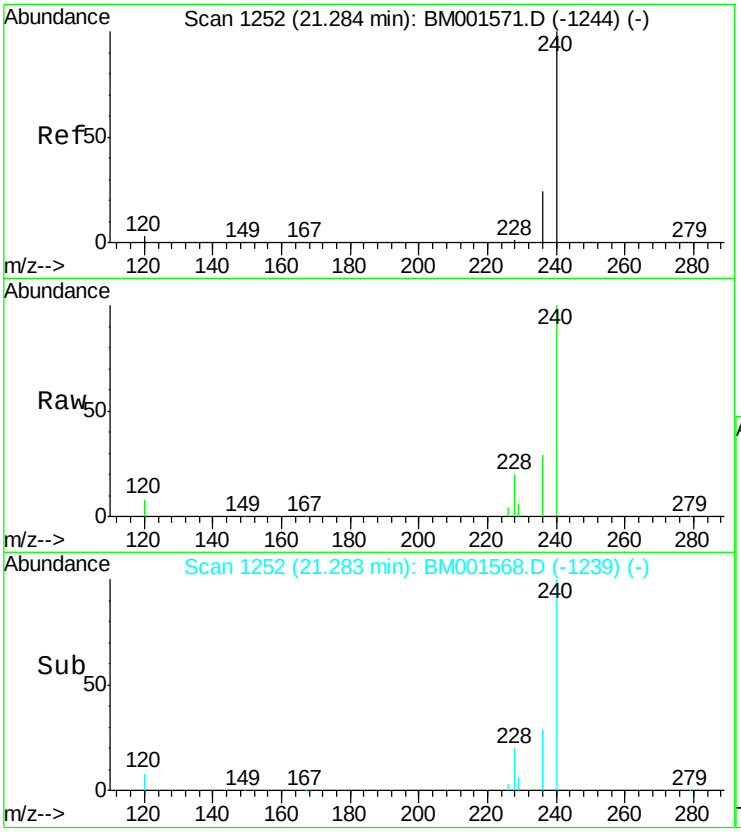


#24
Fluoranthene
Concen: 10.95 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:202 Resp: 261267

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
203	17.1	13.9	20.9





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:240 Resp: 85974

Ion	Ratio	Lower	Upper
240	100		
120	8.5	2.2	3.2#
236	28.7	19.5	29.3

Instrument :
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ClientSampleId :
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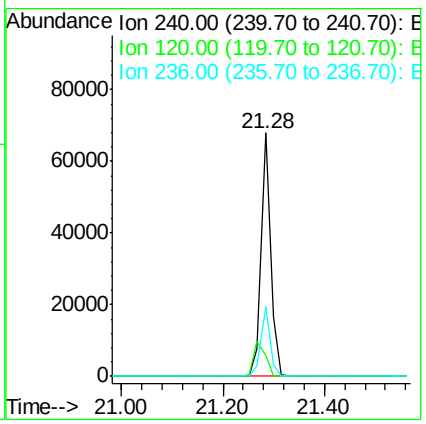
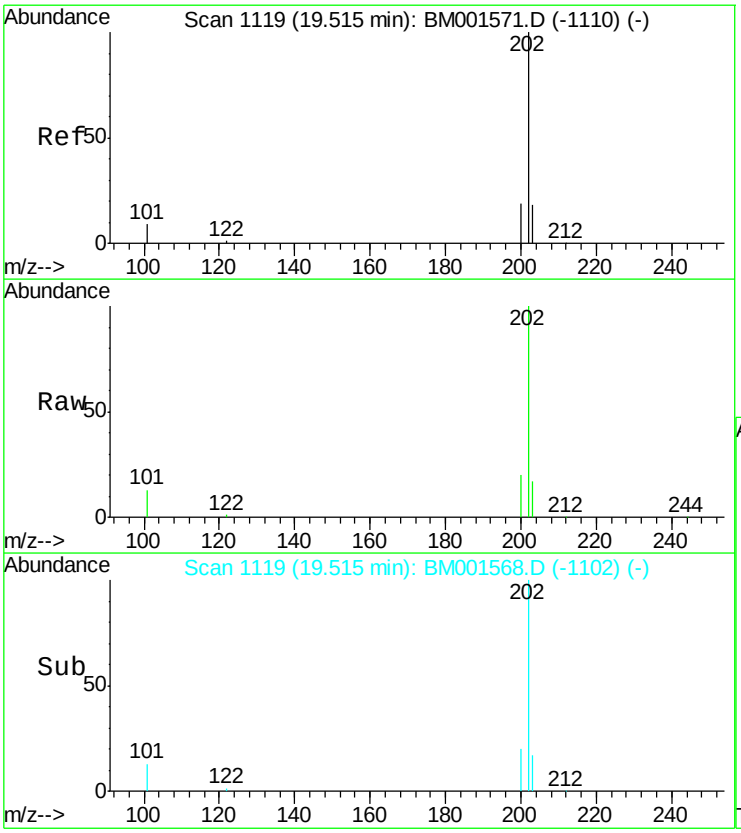
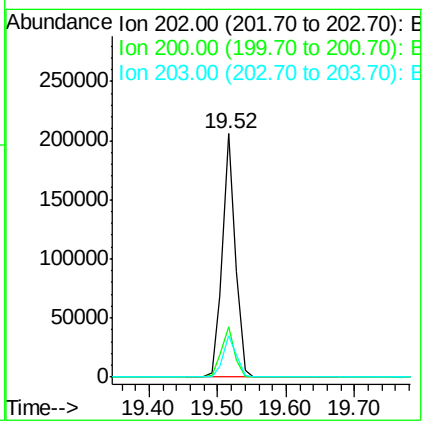


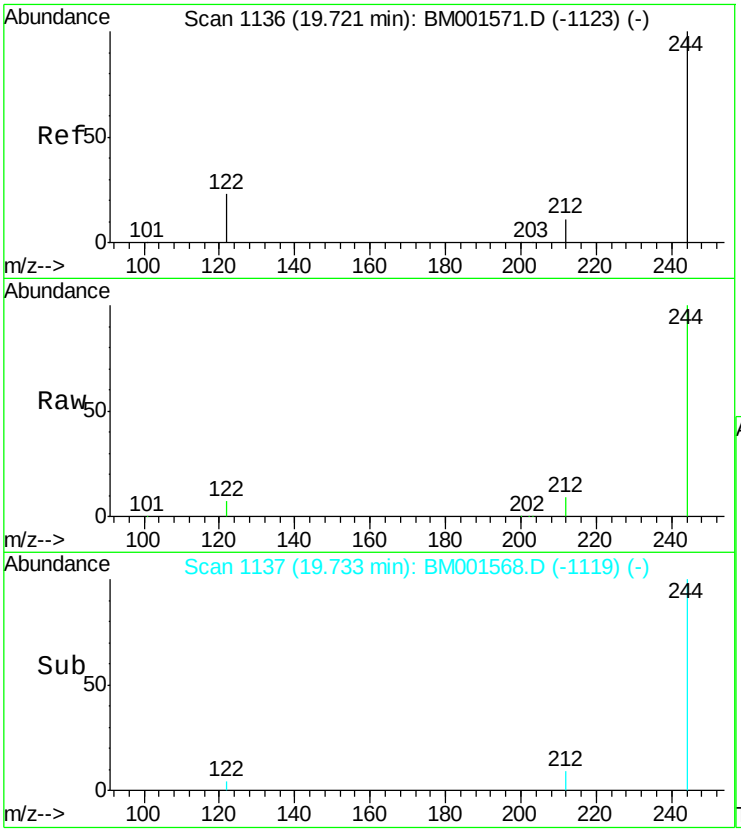


#26
Pyrene
Concen: 10.21 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:202 Resp: 270968

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	13.9	20.9





#27
Terphenyl-d14
Concen: 9.88 ng
RT: 19.73 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:244 Resp: 105121

Ion	Ratio	Lower	Upper
244	100		
212	9.2	9.6	14.4#
122	7.0	19.0	28.4#

Instrument :
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ClientSampleId :
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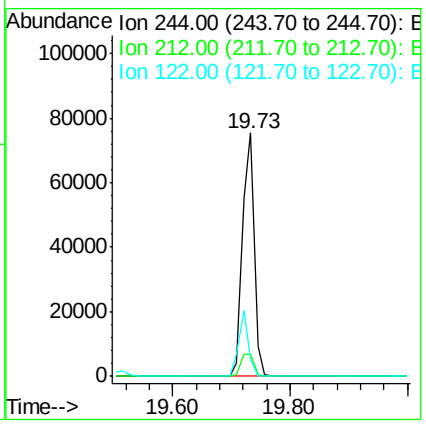
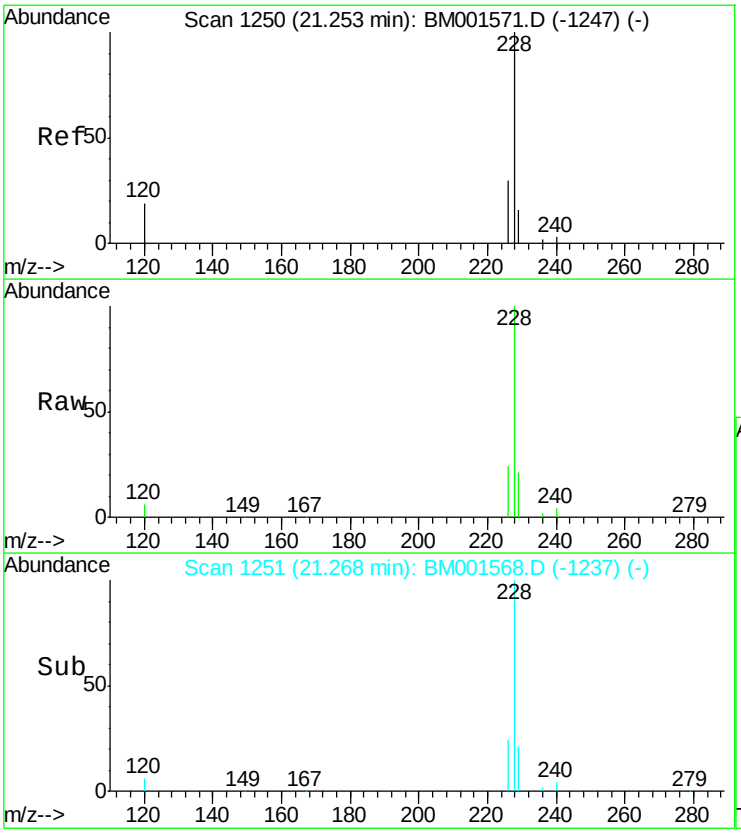
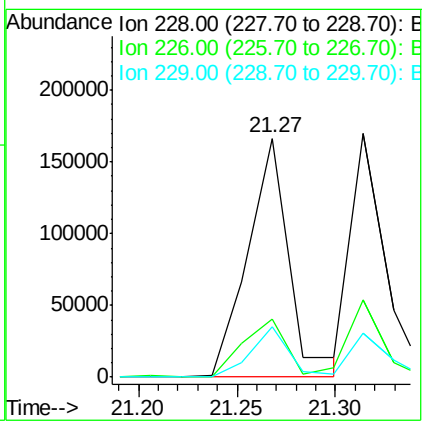


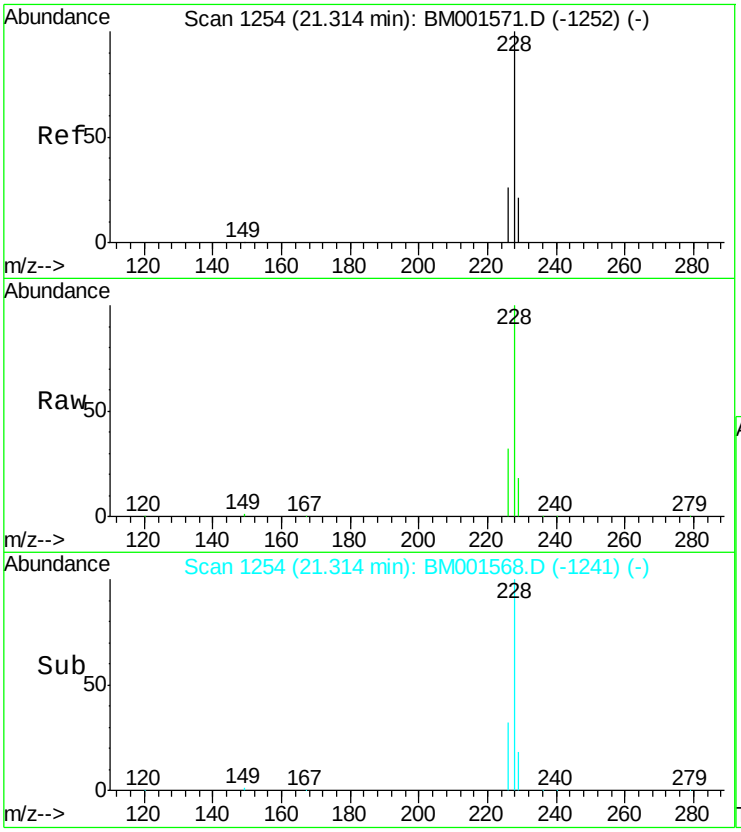


#28
Benzo(a)anthracene
Concen: 10.09 ng m
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:228 Resp: 242834

Ion	Ratio	Lower	Upper
228	100		
226	24.4	24.8	37.2#
229	20.8	13.4	20.0#

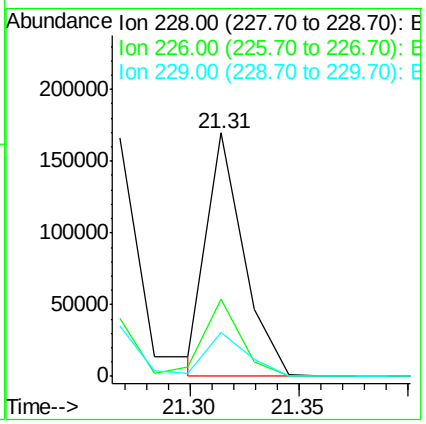




#29
Chrysene
Concen: 9.39 ng m
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:228 Resp: 202620

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.0	31.6#
229	18.0	17.2	25.8



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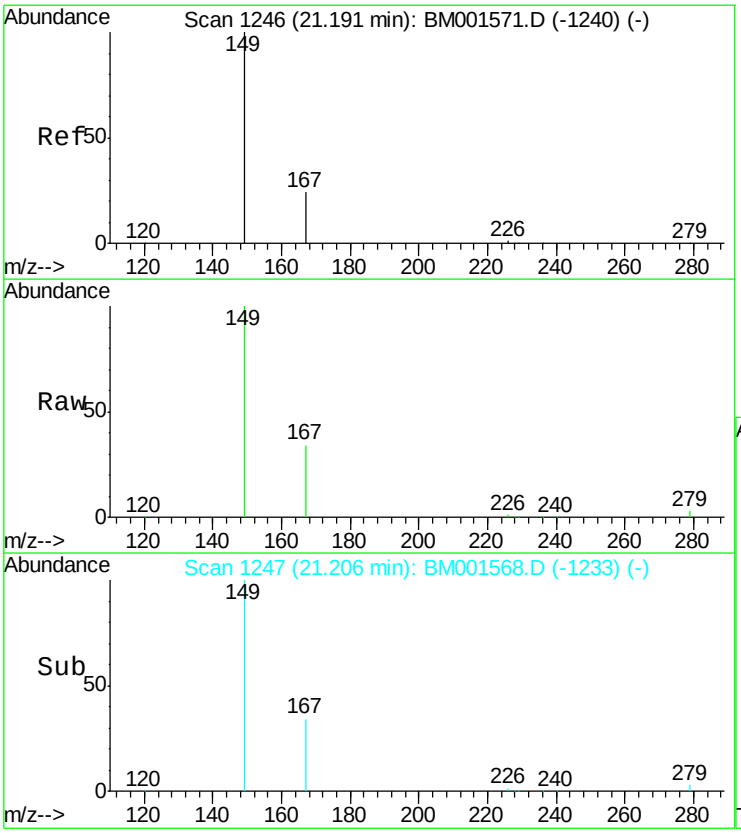
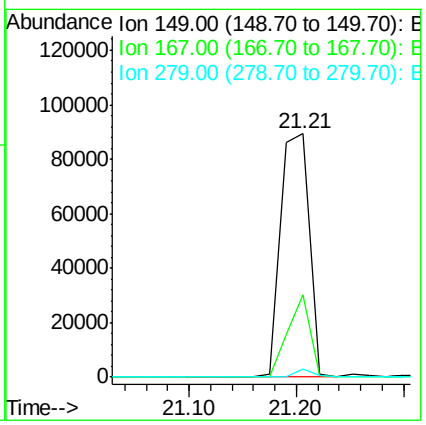
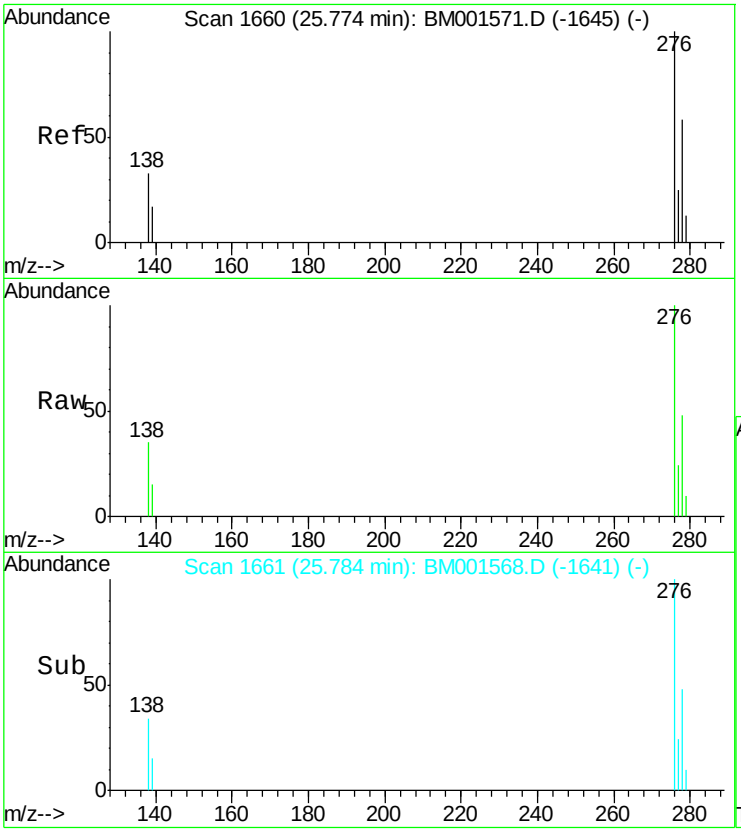


#30
Bis(2-ethylhexyl)phthalate
Concen: 9.64 ng
RT: 21.21 min Scan# 1247
Delta R.T. 0.02 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:149 Resp: 164308

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.2	30.2
279	2.2	1.8	2.6

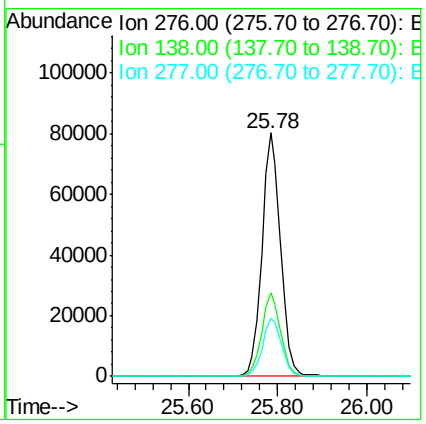




#31
Indeno(1,2,3-cd)pyrene
Concen: 9.80 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:276 Resp: 232038

Ion	Ratio	Lower	Upper
276	100		
138	35.0	28.0	42.0
277	24.4	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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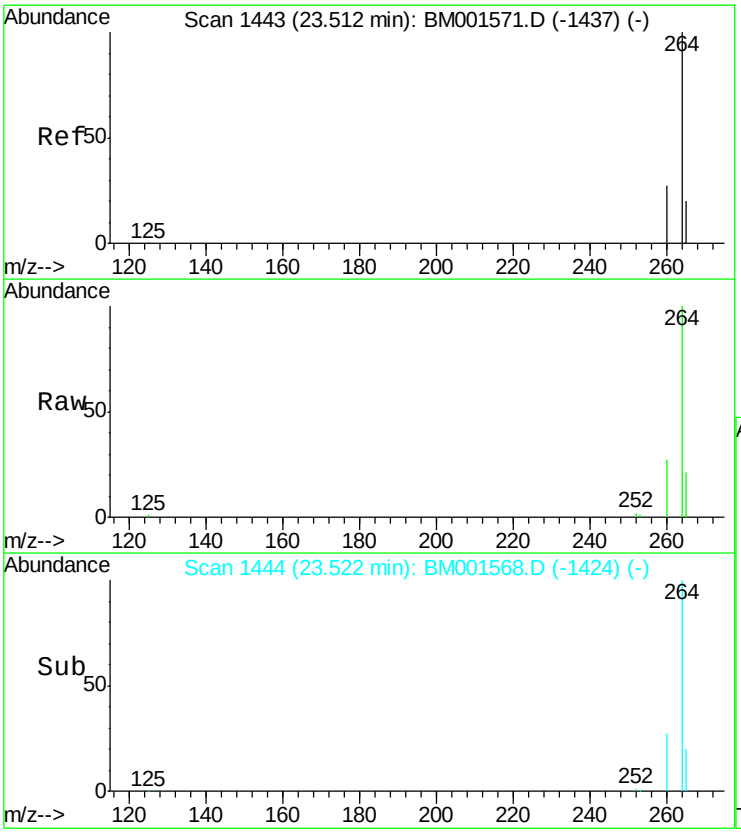
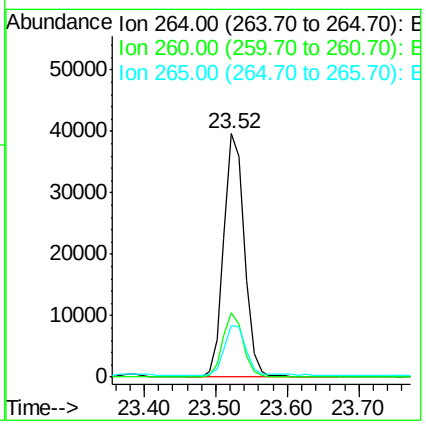
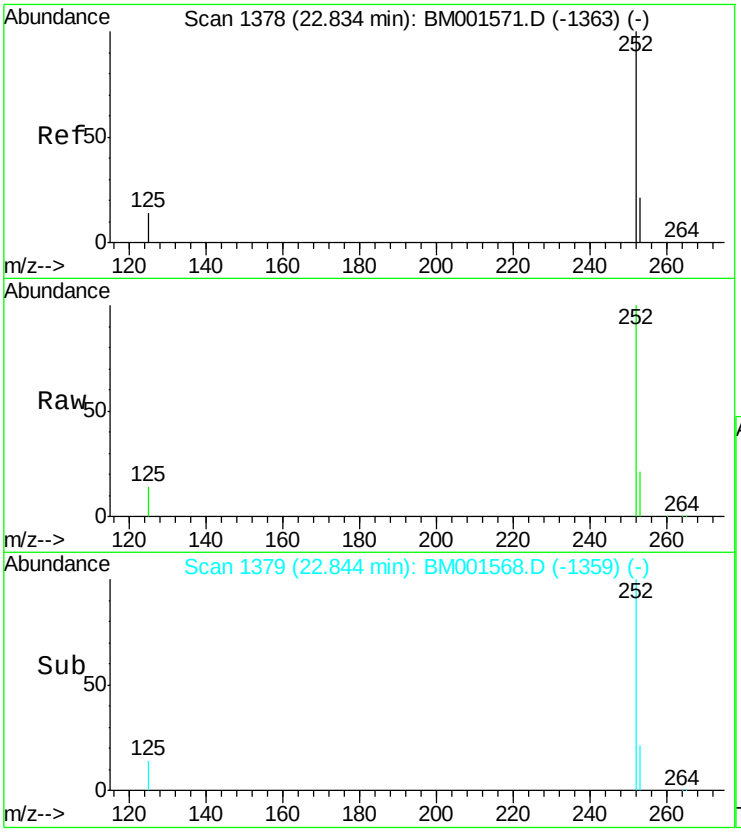


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:264 Resp: 78747

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.6	32.4
265	21.1	16.5	24.7

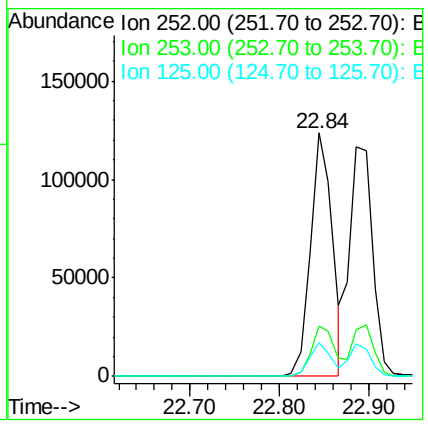




#33
Benzo(b)fluoranthene
Concen: 9.58 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:252 Resp: 209260

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.2
125	13.9	11.8	17.8



Instrument :
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ClientSampleId :
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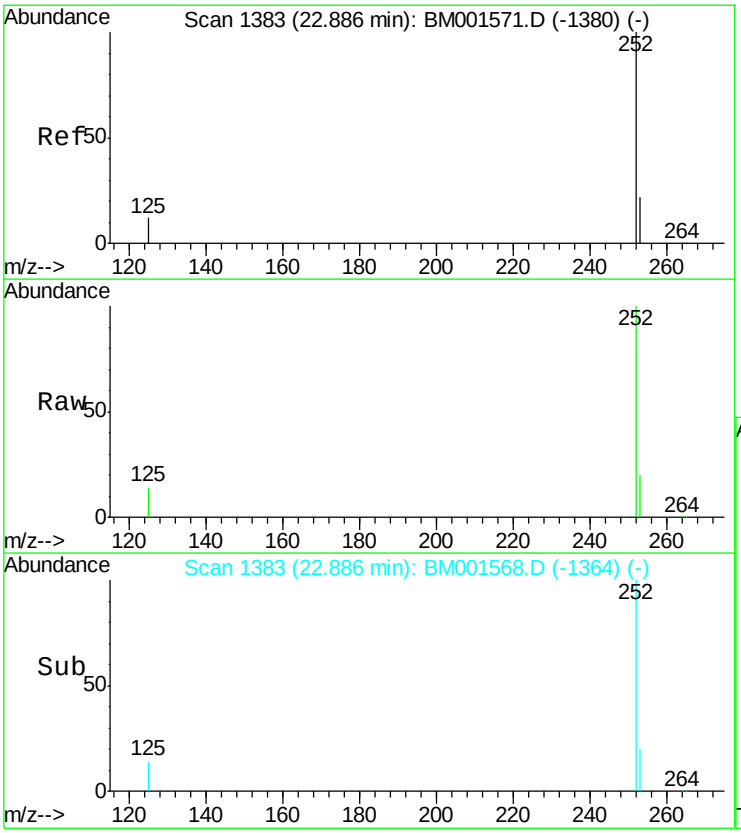
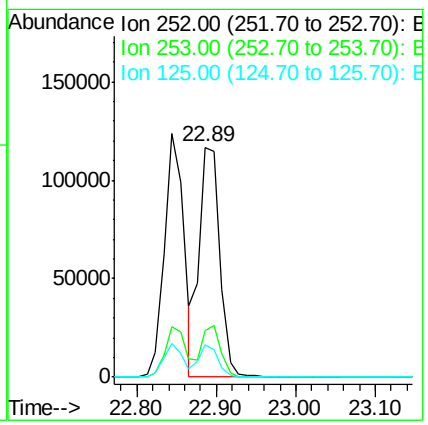
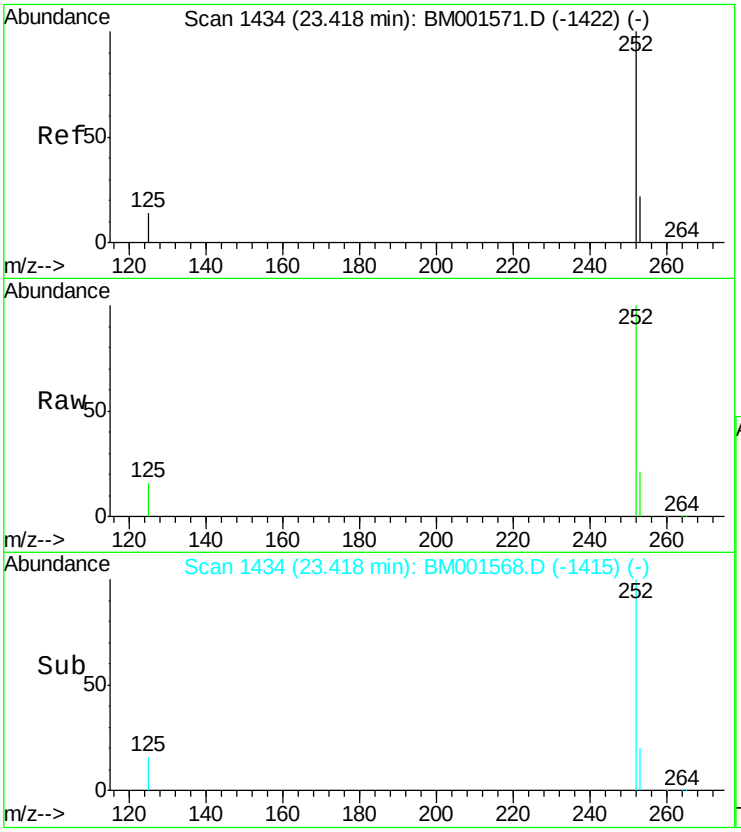


#34
Benzo(k)fluoranthene
Concen: 10.21 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:252 Resp: 208701

Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.8	28.2
125	14.3	10.7	16.1

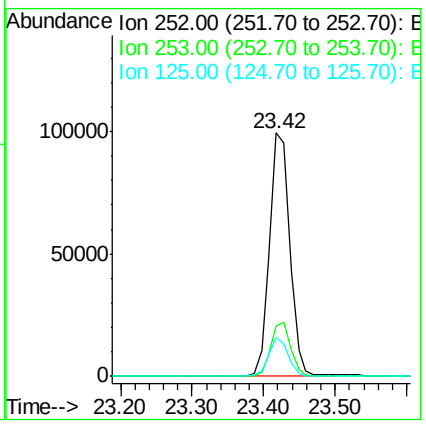




#35
Benzo(a)pyrene
Concen: 9.83 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:252 Resp: 194016

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.8	28.2
125	15.7	12.1	18.1



Instrument :
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ClientSampleId :
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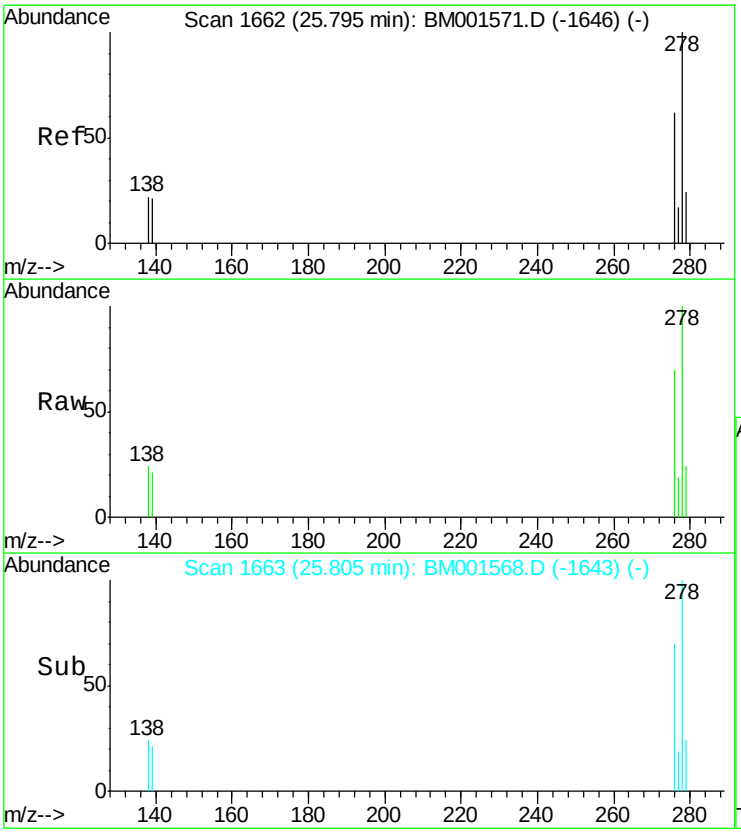
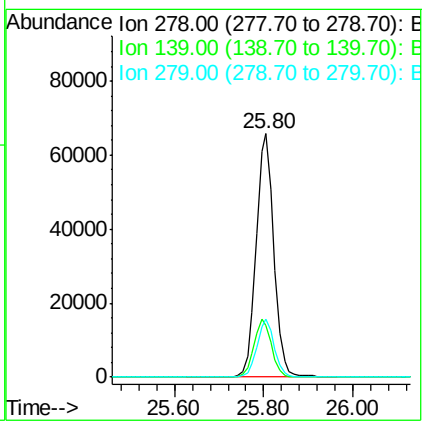
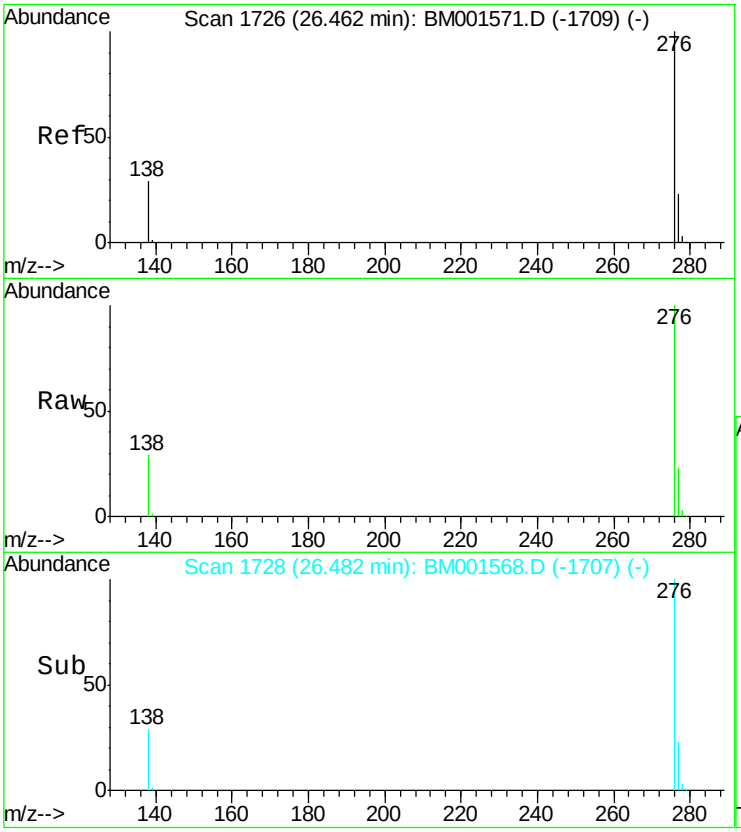


#36
Dibenzo(a,h)anthracene
Concen: 9.85 ng
RT: 25.80 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:278 Resp: 181355

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.4	26.0
279	23.6	20.0	30.0

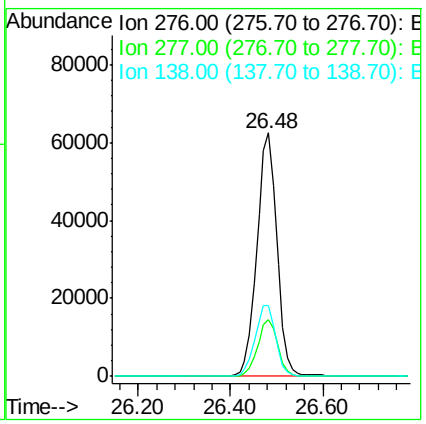




#37
Benzo(g,h,i)perylene
Concen: 9.66 ng
RT: 26.48 min Scan# 1728
Delta R.T. 0.02 min
Lab File: BM001568.D
Acq: 05 Jun 2015 16:38

Tgt Ion:276 Resp: 187058

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	29.0	23.7	35.5



Instrument :
BNA_M
ClientSampleId :
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