Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001570.D
Acq On : 05 Jun 2015 17:49
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
apatel
6/8/2015 2:47:22 PM

Quant Time: Jun 06 06:13:06 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	17914	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	64527	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	30893	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	50466	5.00	ng		0.00
25) Chrysene-d12	21.28	240	47284	5.00	ng		0.00
32) Perylene-d12	23.52	264	40561	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	9364	2.32	ng		0.00
5) Phenol-d6	6.86	99	11613	2.34	ng		0.00
7) Nitrobenzene-d5	8.86	82	10505	2.31	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	3308	2.58	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	22733	2.47	ng		0.00
27) Terphenyl-d14	19.72	244	15114	2.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	4057	2.16	ng		99
3) n-Nitrosodimethylamine	3.51	42	6555	2.36	ng	#	99
8) Nitrobenzene	8.89	77	11344	2.37	ng		100
9) Naphthalene	10.52	128	32703	2.41	ng		100
10) Hexachlorobutadiene	10.82	225	5724	2.44	ng		100
11) 2-Methylnaphthalene	12.15	142	20671	2.42	ng		100
15) Acenaphthylene	14.06	152	33335	2.49	ng		100
16) Acenaphthene	14.41	154	20171	2.48	ng		99
17) Fluorene	15.39	166	13091	2.05	ng	#	100
19) 4-Bromophenyl-phenylether	16.27	248	8834	4.15	ng		99
20) Hexachlorobenzene	16.38	284	4027	3.63	ng	#	89
21) Pentachlorophenol	16.75	266	1910	3.26	ng		98
22) Phenanthrene	17.12	178	43109	2.88	ng		100
23) Anthracene	17.23	178	18674m	2.76	ng		
24) Fluoranthene	19.15	202	35222	3.30	ng		99
26) Pyrene	19.52	202	36951	2.53	ng		100
28) Benzo(a)anthracene	21.25	228	31599	2.39	ng		100
29) Chrysene	21.31	228	29851	2.52	ng		98
30) Bis(2-ethylhexyl)phthalate	21.19	149	19020	2.03	ng		99
31) Indeno(1,2,3-cd)pyrene	25.77	276	31099	2.39	ng		99
33) Benzo(b)fluoranthene	22.83	252	31683	2.82	ng		99
34) Benzo(k)fluoranthene	22.89	252	25554	2.43	ng		99
35) Benzo(a)pyrene	23.42	252	25963	2.55	ng		99
36) Dibenzo(a,h)anthracene	25.79	278	24401	2.57	ng		99
37) Benzo(g,h,i)perylene	26.46	276	25731	2.58	ng		99

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001570.D
Acq On : 05 Jun 2015 17:49
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 06:13:06 2015
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Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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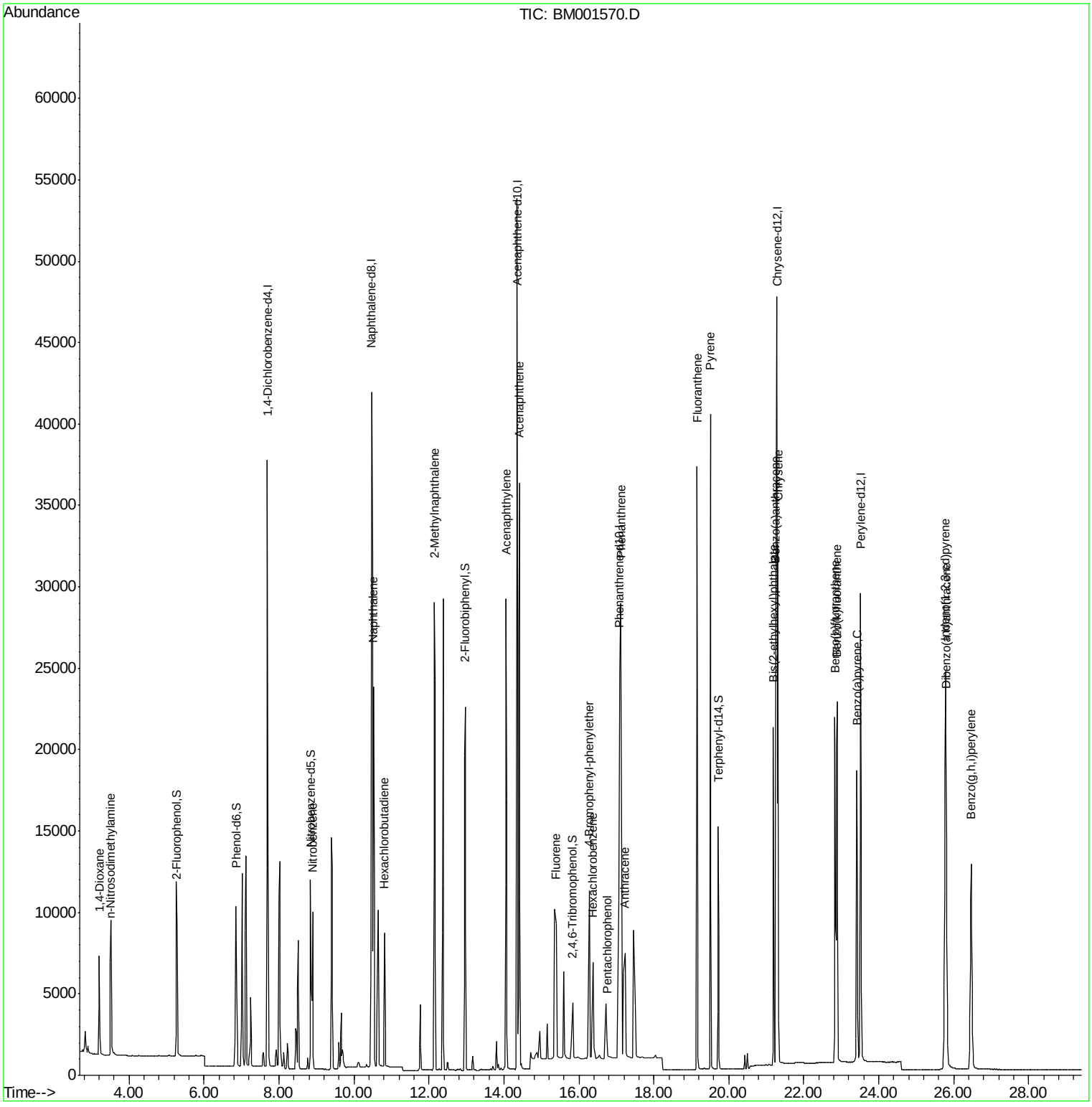
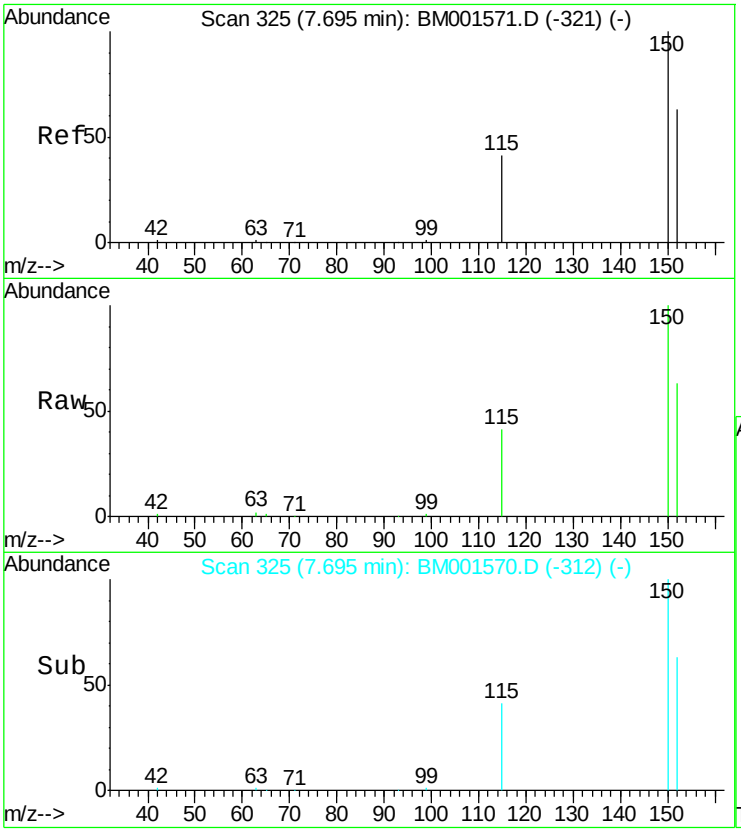
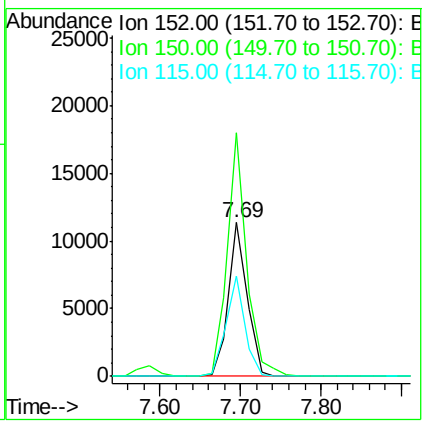




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:152 Resp: 17914

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	190.0
115	65.1	51.6	77.4



Instrument :
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ClientSampleId :
SSTDICC002

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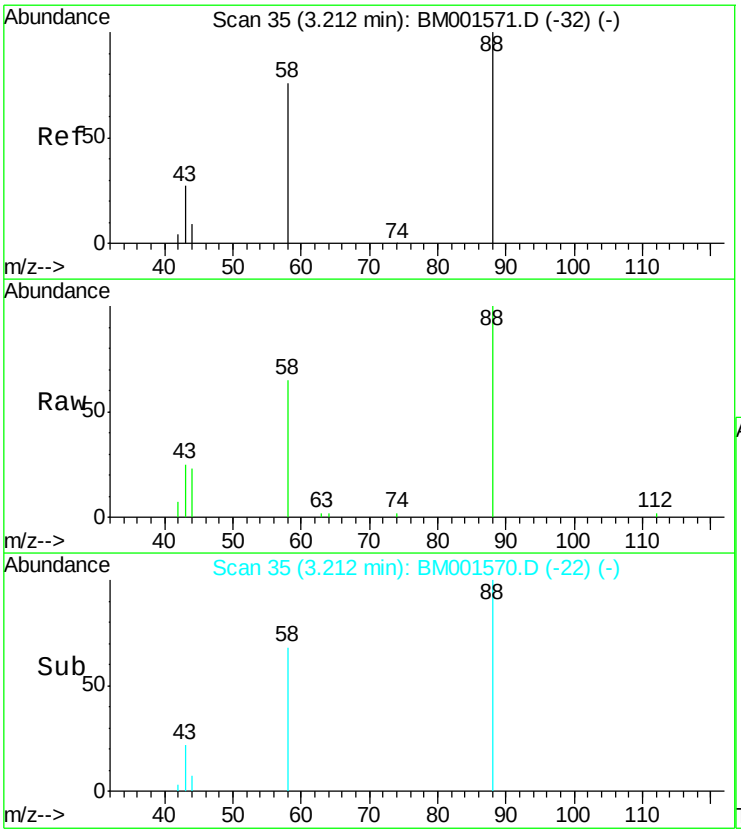
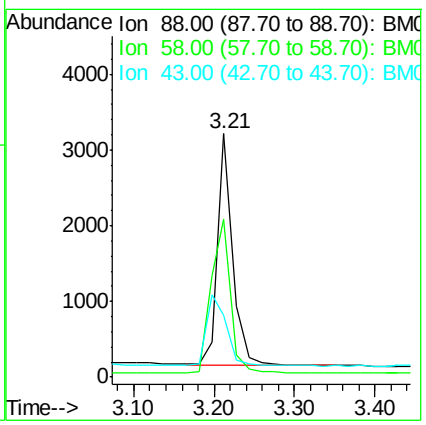
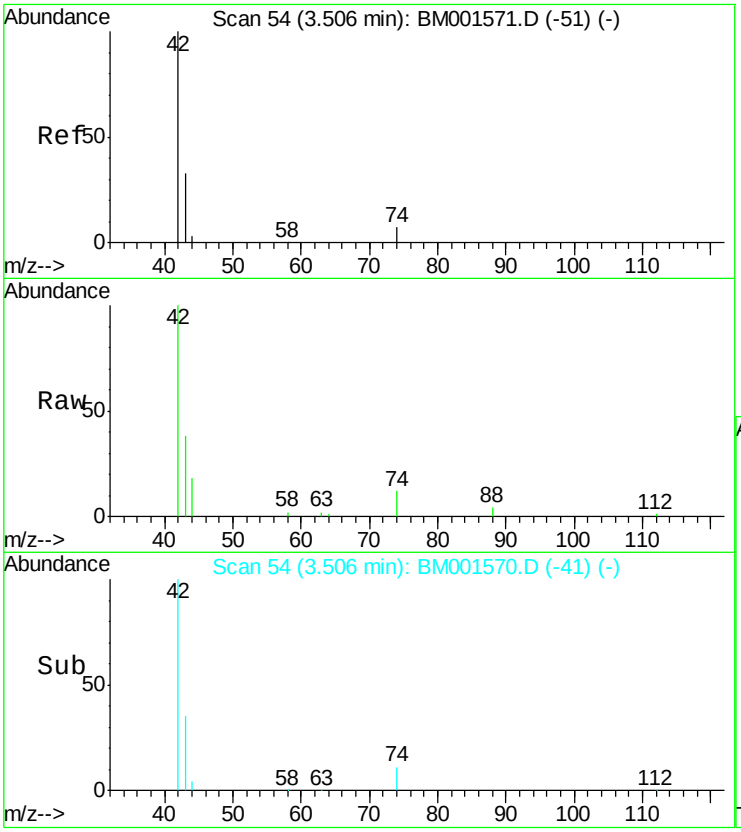


#2
1,4-Dioxane
Concen: 2.16 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion: 88 Resp: 4057

Ion	Ratio	Lower	Upper
88	100		
58	83.4	66.1	99.1
43	40.4	32.3	48.5

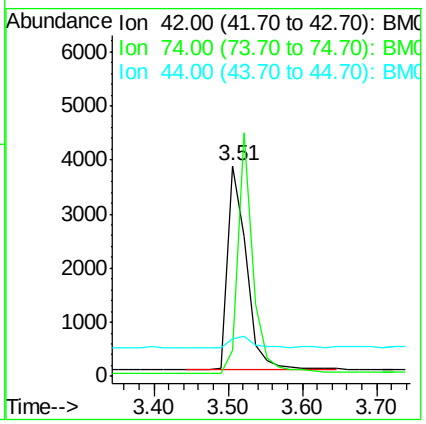




#3
n-Nitrosodimethylamine
Concen: 2.36 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion: 42 Resp: 6555

Ion	Ratio	Lower	Upper
42	100		
74	96.1	77.2	115.8
44	6.5	7.4	11.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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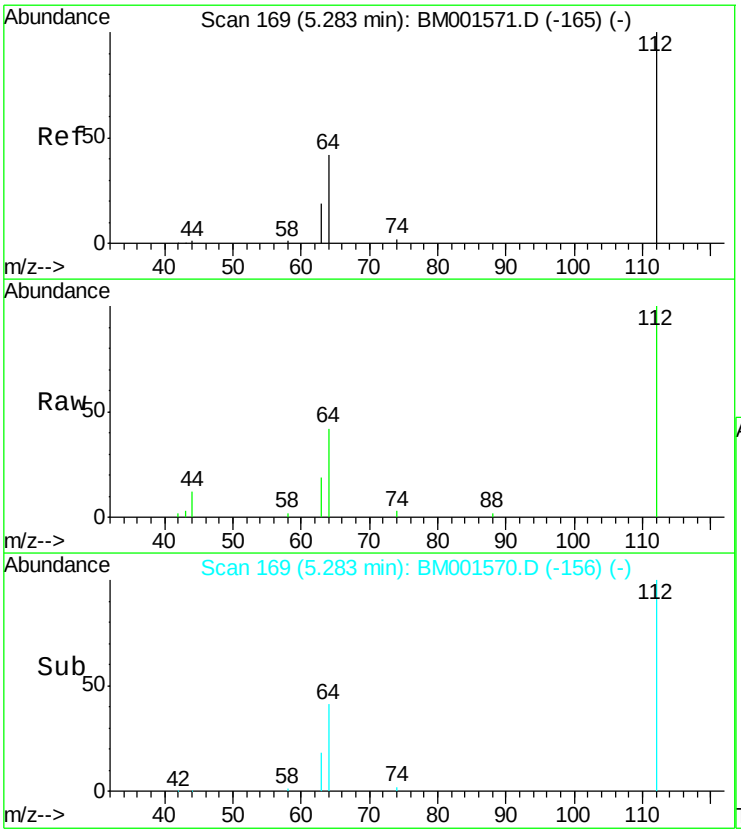
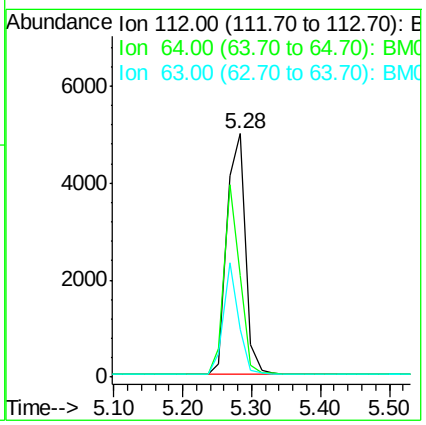
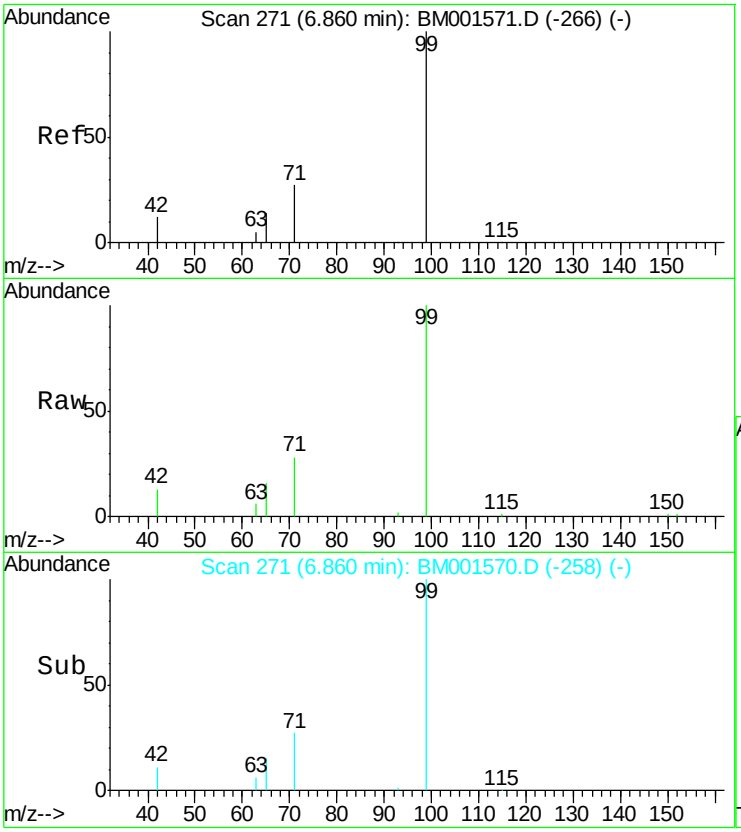


#4
2-Fluorophenol
Concen: 2.32 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:112 Resp: 9364

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.3	79.9
63	37.4	29.7	44.5

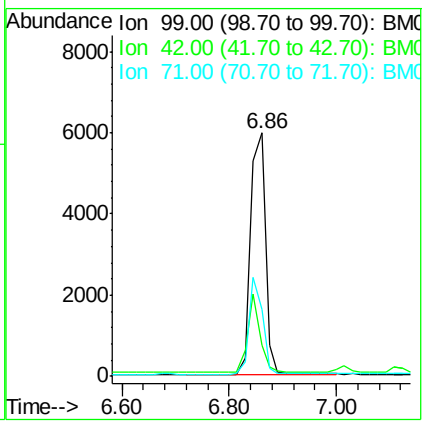




#5
Phenol-d6
Concen: 2.34 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion: 99 Resp: 11613

Ion	Ratio	Lower	Upper
99	100		
42	27.0	21.4	32.2
71	36.0	29.0	43.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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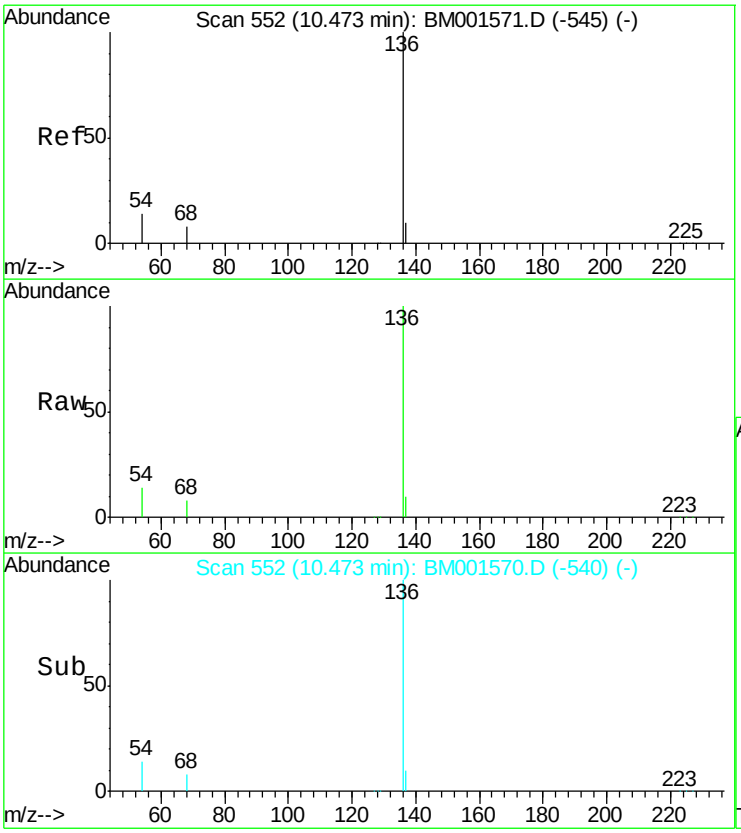
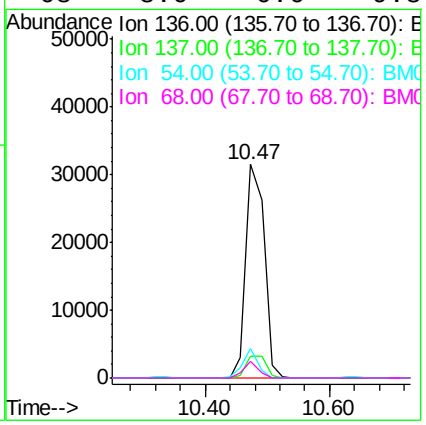
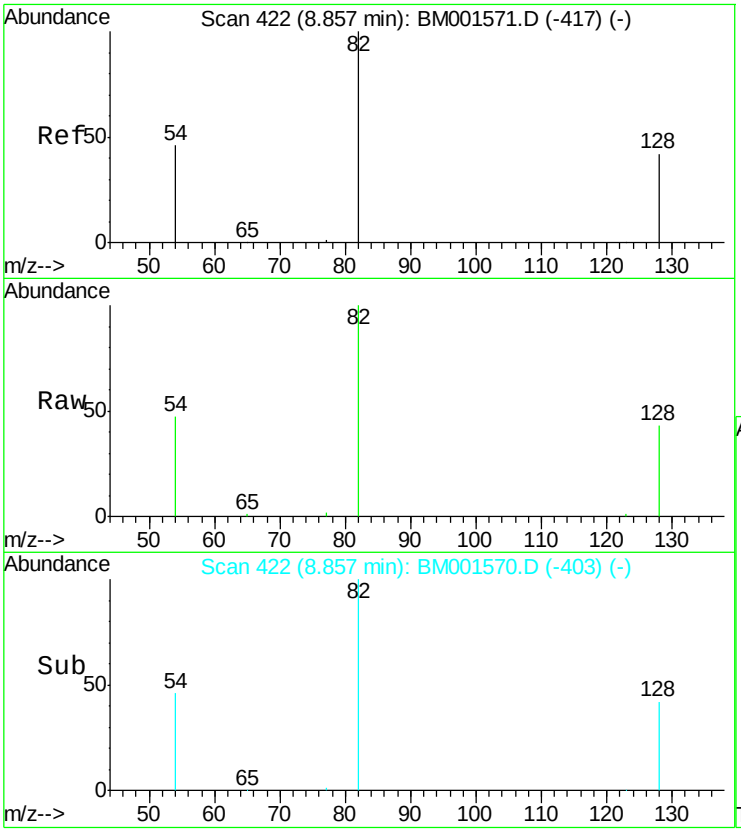


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:136 Resp: 64527

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	14.0	11.7	17.5
68	8.0	6.6	9.8

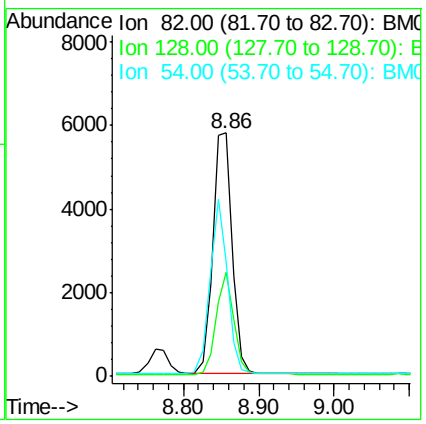




#7
Nitrobenzene-d5
Concen: 2.31 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion: 82 Resp: 10505

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.1	51.1
54	46.8	37.8	56.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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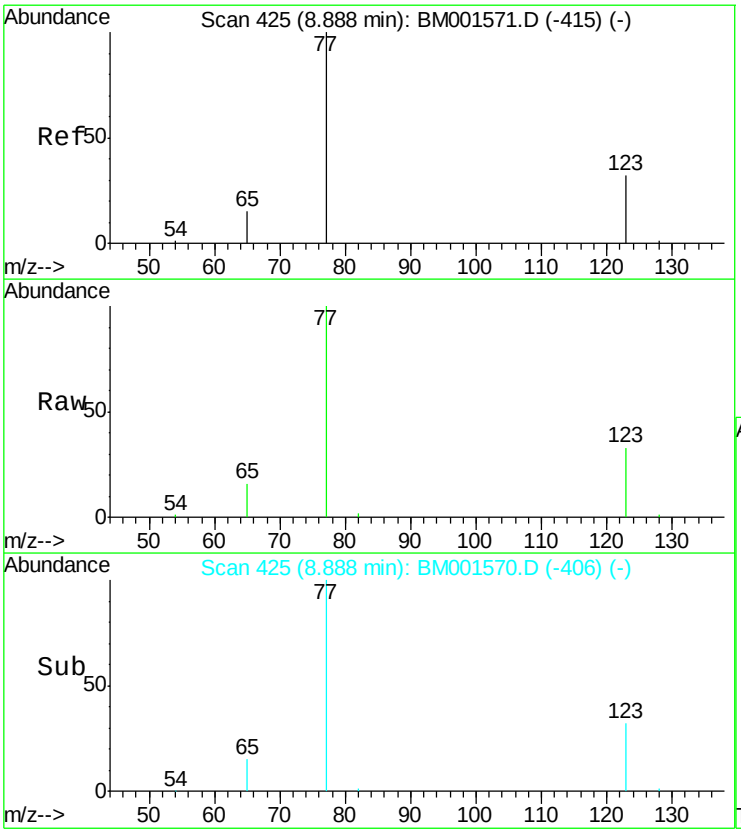
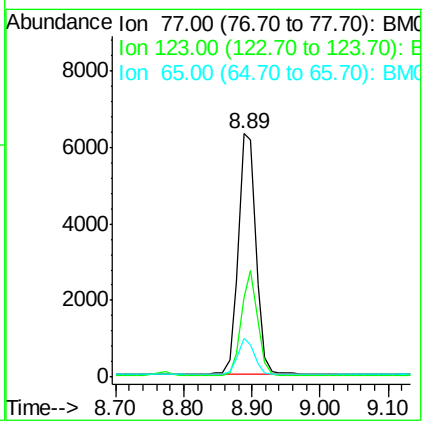
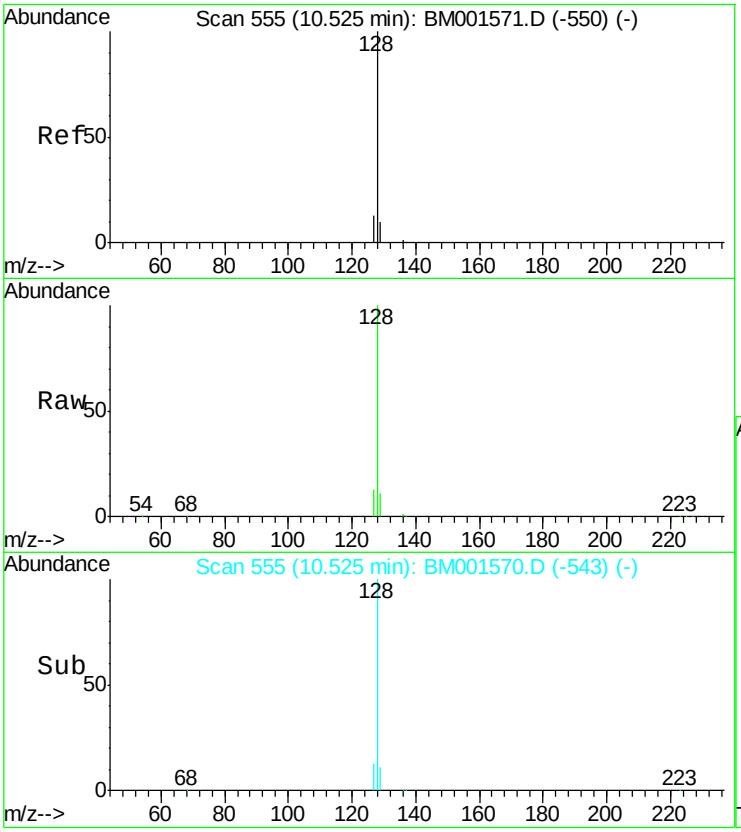


#8
Nitrobenzene
Concen: 2.37 ng
RT: 8.89 min Scan# 425
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion: 77 Resp: 11344

Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.7	47.5
65	14.2	11.4	17.0

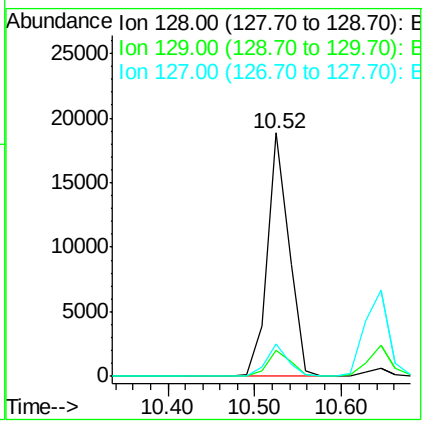




#9
Naphthalene
Concen: 2.41 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:128 Resp: 32703

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
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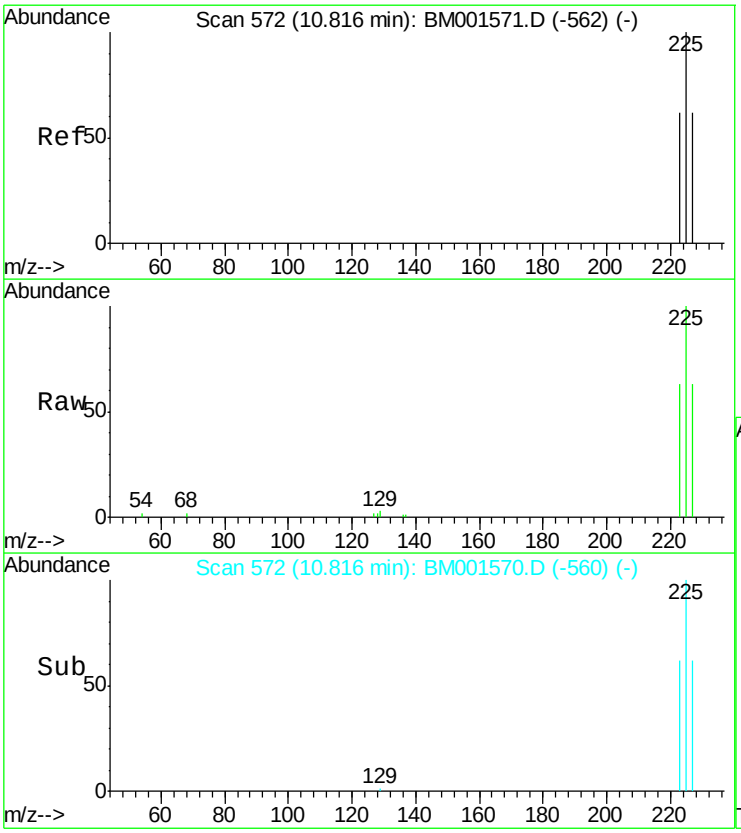
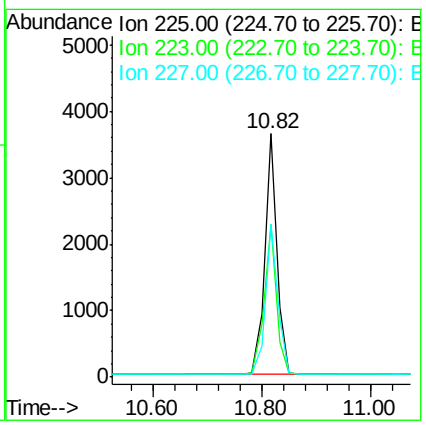
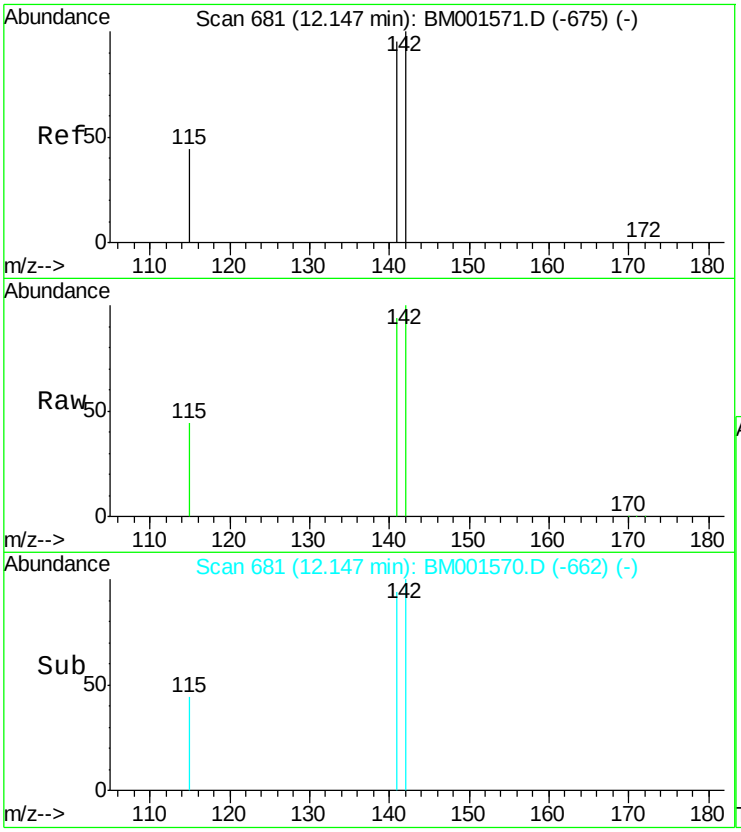


#10
Hexachlorobutadiene
Concen: 2.44 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:225 Resp: 5724

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	63.9	50.8	76.2

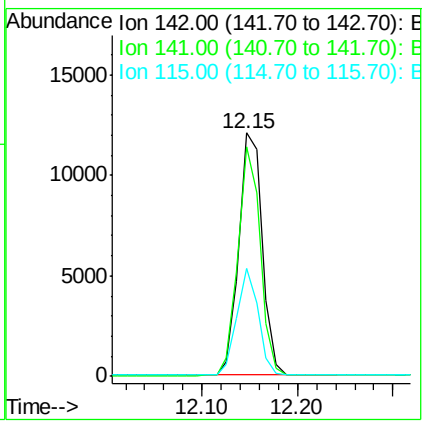




#11
2-Methylnaphthalene
Concen: 2.42 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:142 Resp: 20671

Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.6	113.4
115	44.2	35.5	53.3



Instrument :
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ClientSampleId :
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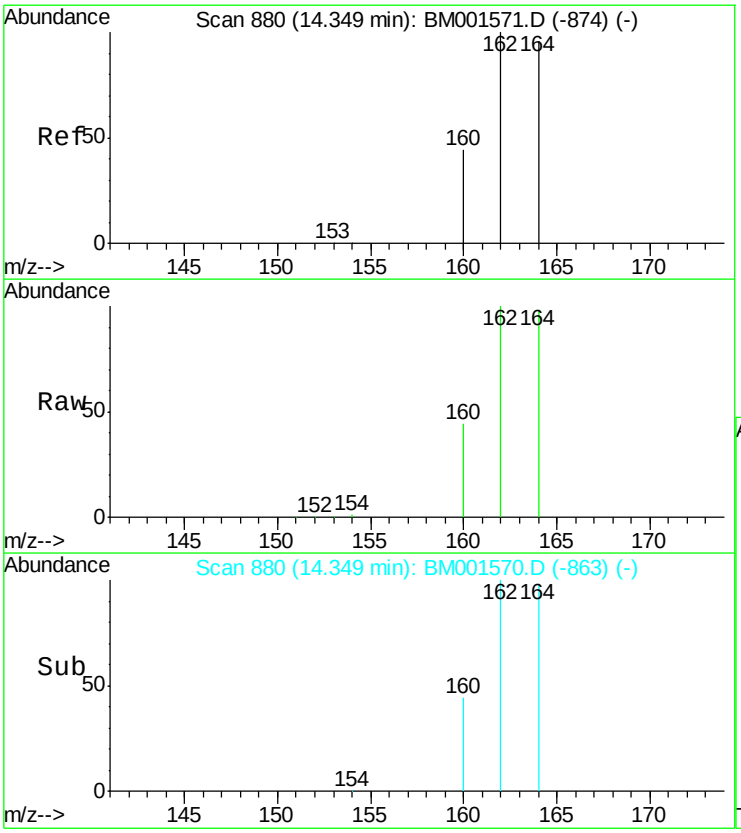
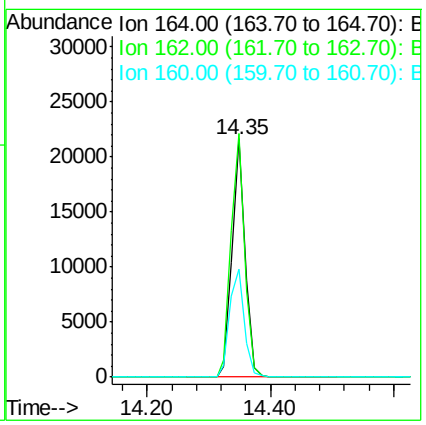
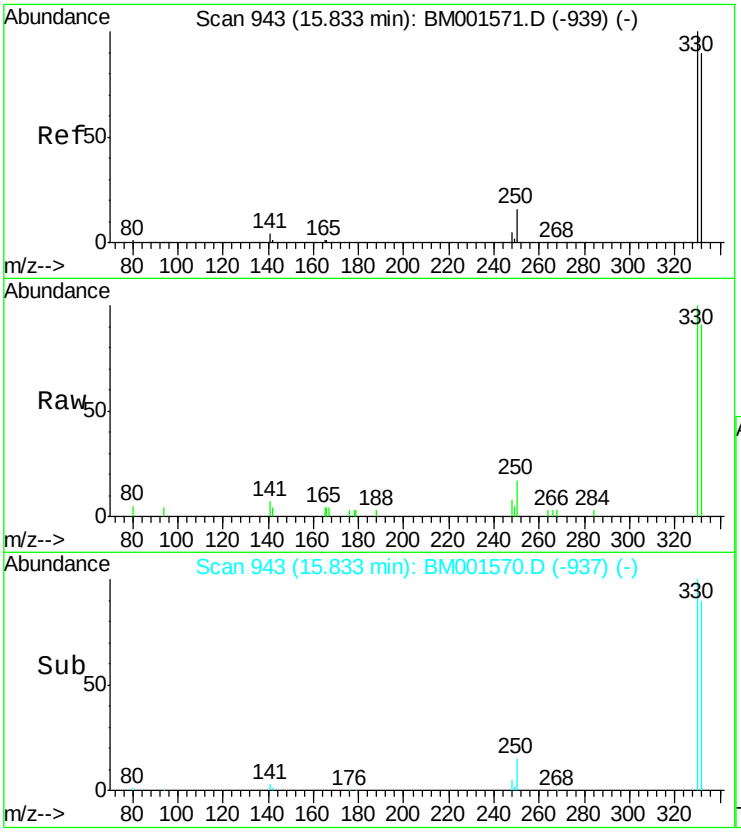


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:164 Resp: 30893

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.8	125.6
160	45.4	37.1	55.7

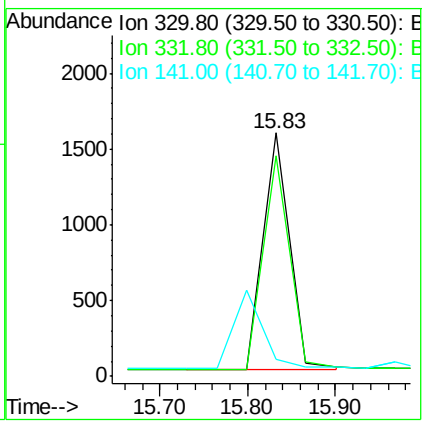




#13
2,4,6-Tribromophenol
Concen: 2.58 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:330 Resp: 3308

Ion	Ratio	Lower	Upper
330	100		
332	91.1	72.0	108.0
141	0.0	0.0	0.0



Instrument :
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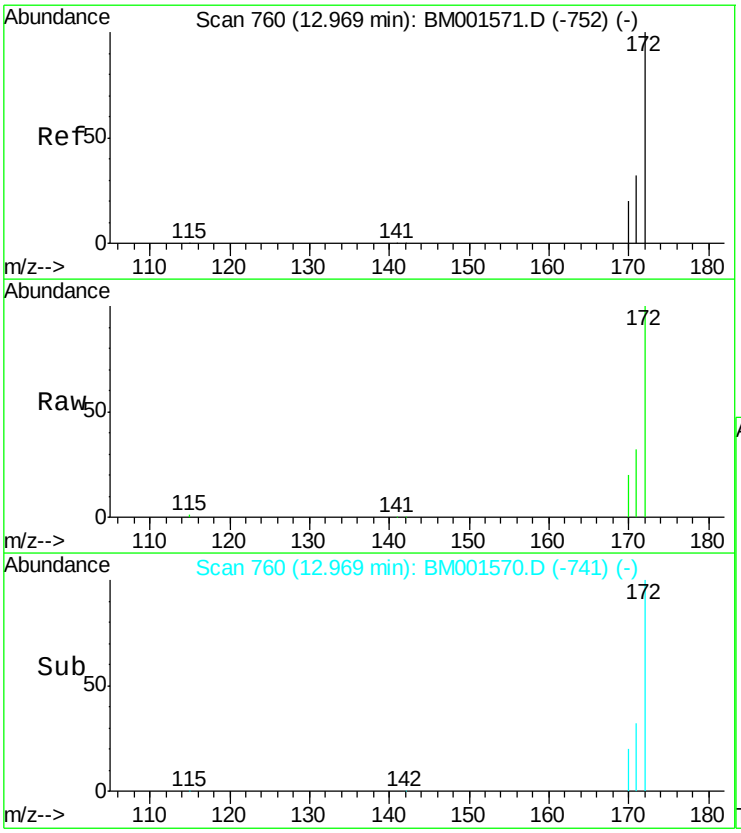
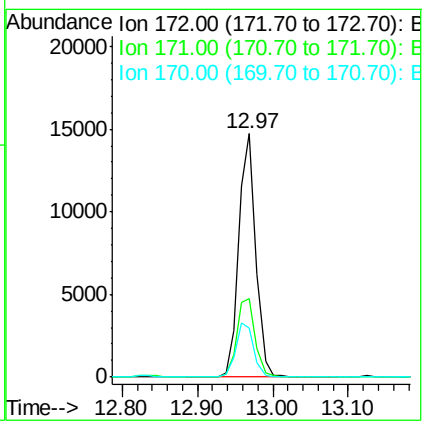
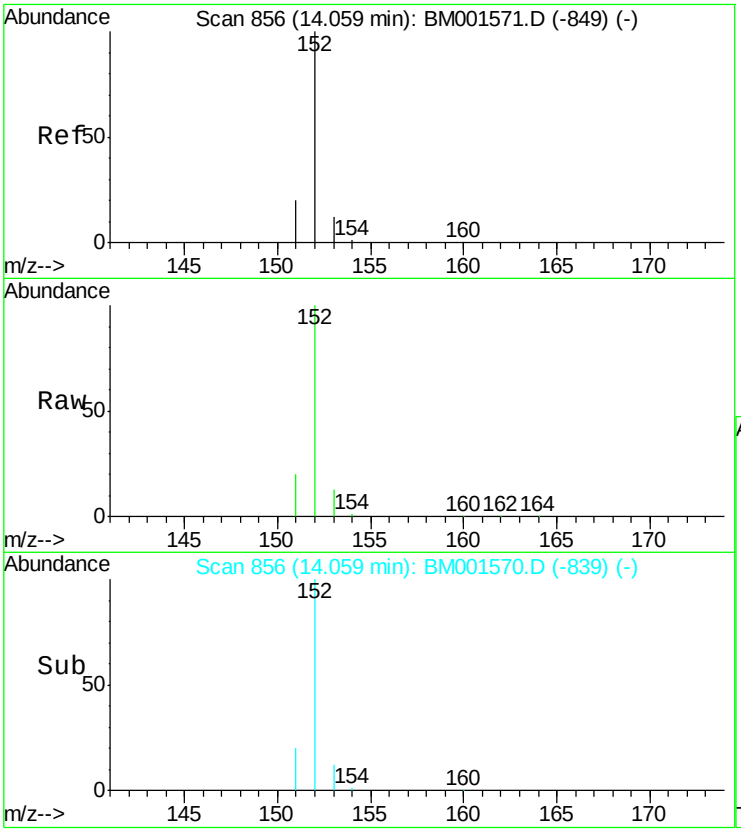


#14
2-Fluorobiphenyl
Concen: 2.47 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:172 Resp: 22733

Ion	Ratio	Lower	Upper
172	100		
171	32.1	26.2	39.2
170	20.1	16.1	24.1

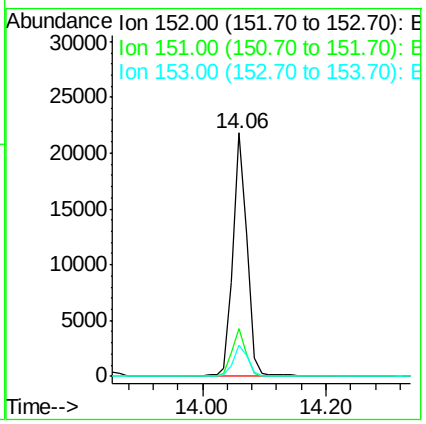




#15
Acenaphthylene
Concen: 2.49 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:152 Resp: 33335

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	12.8	10.3	15.5



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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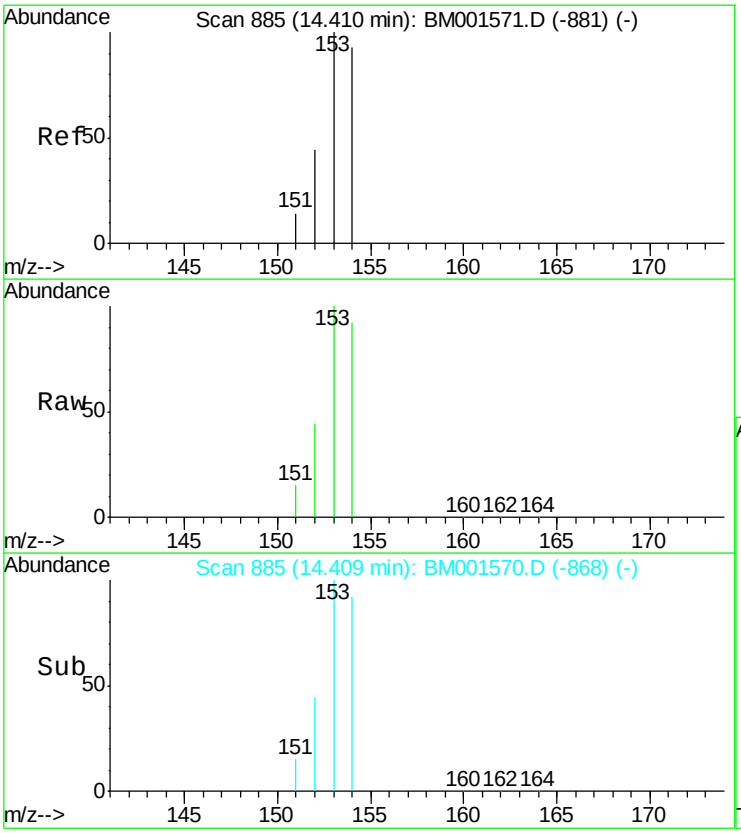
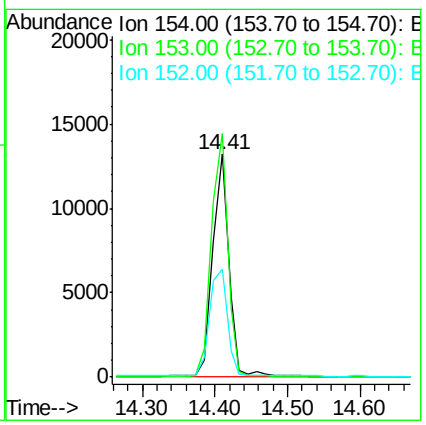
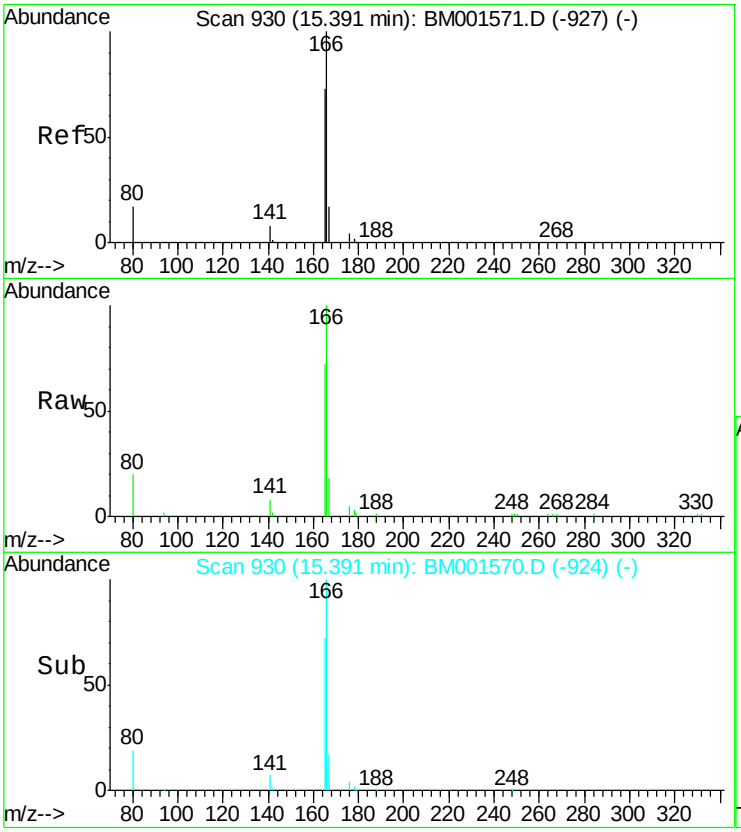


#16
Acenaphthene
Concen: 2.48 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:154 Resp: 20171

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.1	133.7
152	53.1	43.2	64.8

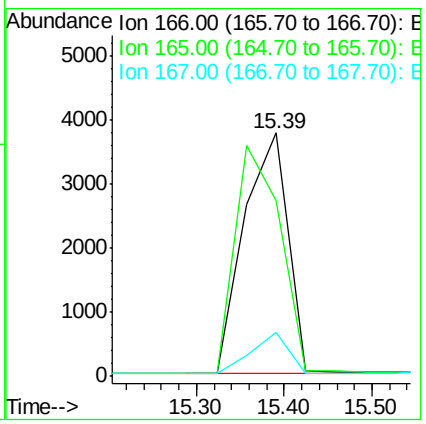




#17
Fluorene
Concen: 2.05 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:166 Resp: 13091

Ion	Ratio	Lower	Upper
166	100		
165	0.0	0.0	0.0
167	14.2	11.3	16.9



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ClientSampleId :
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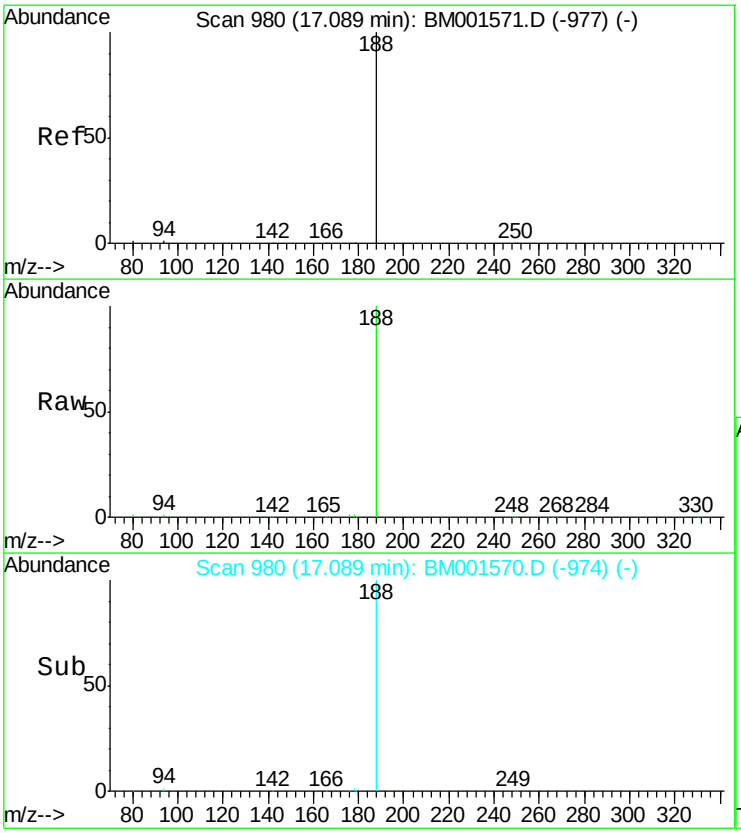
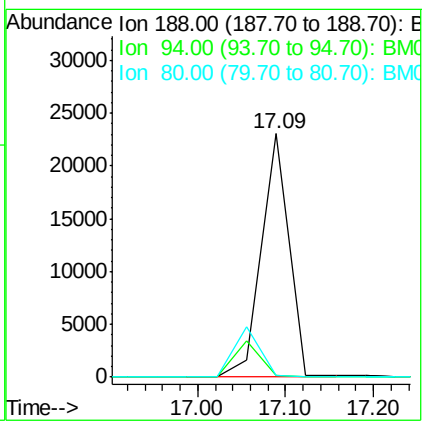
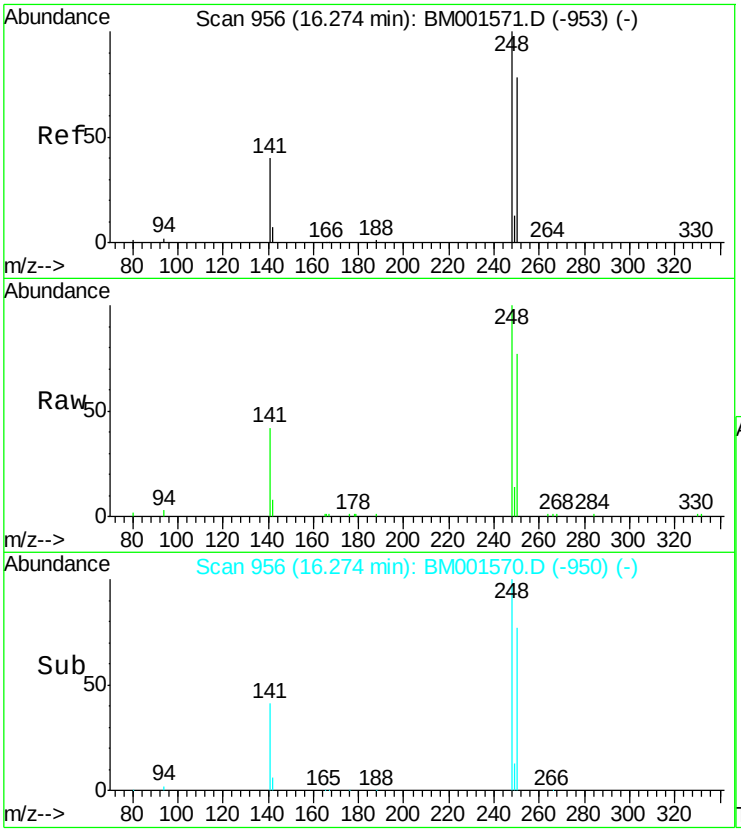


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:188 Resp: 50466

Ion	Ratio	Lower	Upper
188	100		
94	0.9	0.7	1.1
80	0.8	0.6	1.0

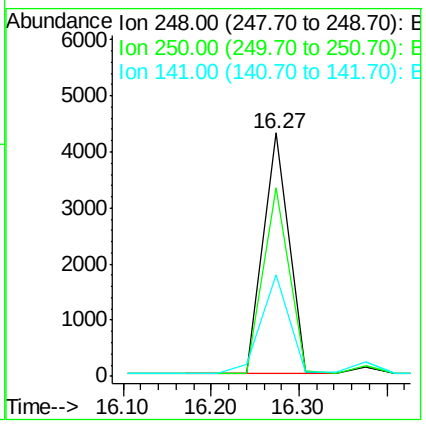




#19
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:248 Resp: 8834

Ion	Ratio	Lower	Upper
248	100		
250	77.8	63.1	94.7
141	44.4	35.0	52.6



Instrument :
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ClientSampleId :
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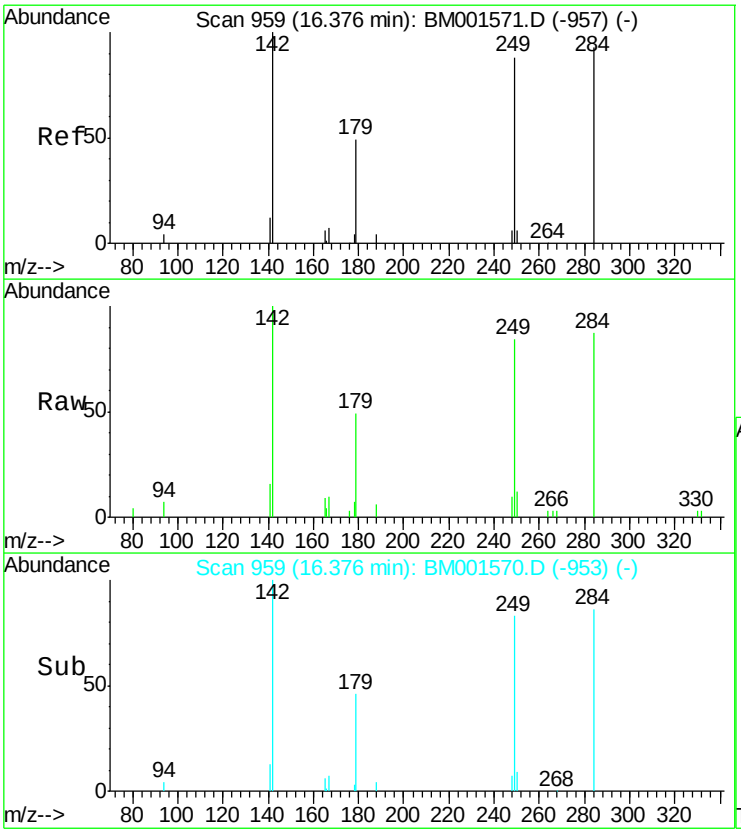
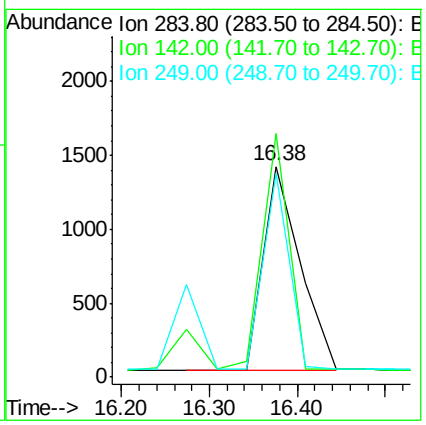
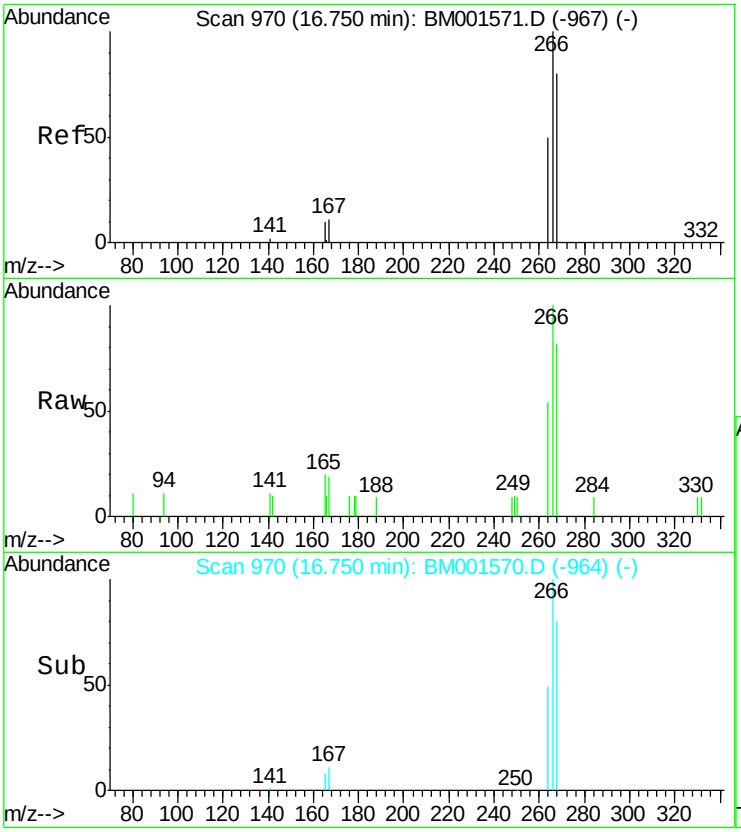


#20
Hexachlorobenzene
Concen: 3.63 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:284 Resp: 4027

Ion	Ratio	Lower	Upper
284	100		
142	97.5	64.2	96.2#
249	68.5	55.4	83.0

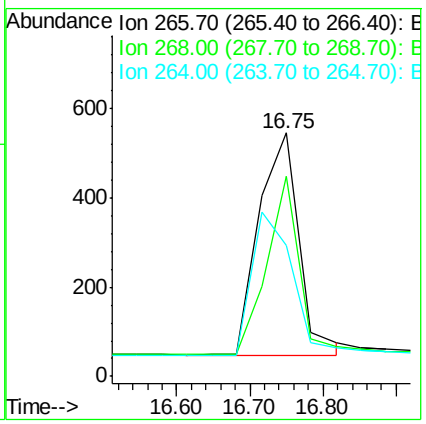




#21
Pentachlorophenol
Concen: 3.26 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:266 Resp: 1910

Ion	Ratio	Lower	Upper
266	100		
268	82.0	66.3	99.5
264	53.6	45.5	68.3



Instrument :
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ClientSampleId :
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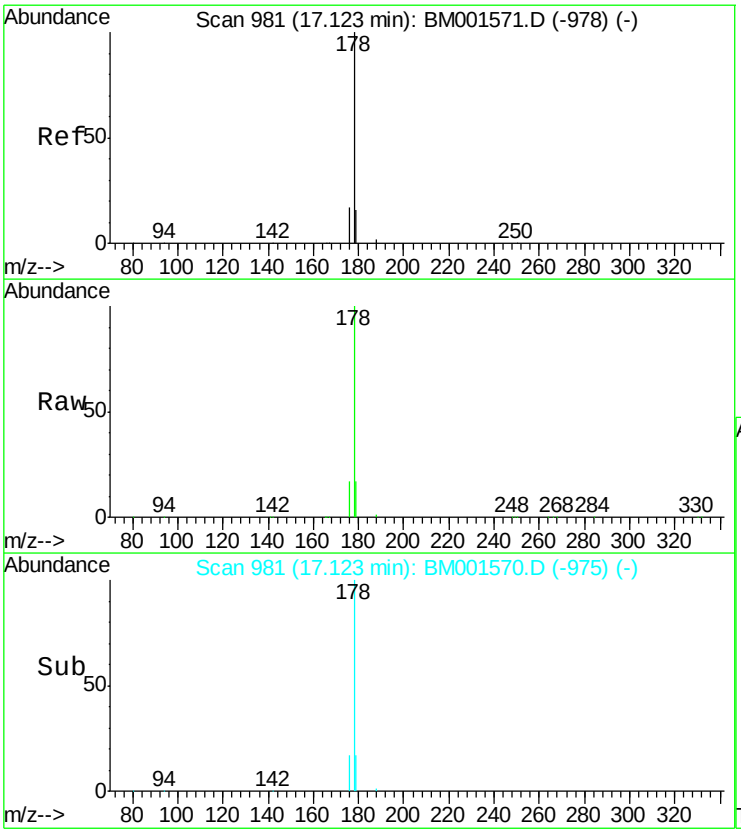
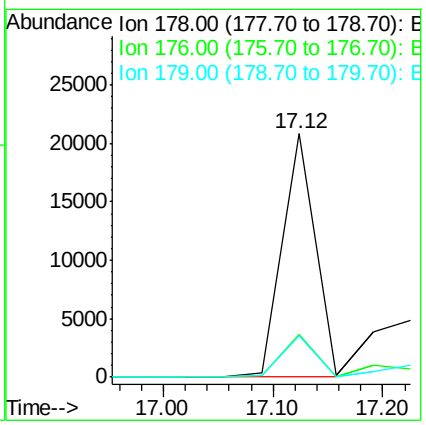
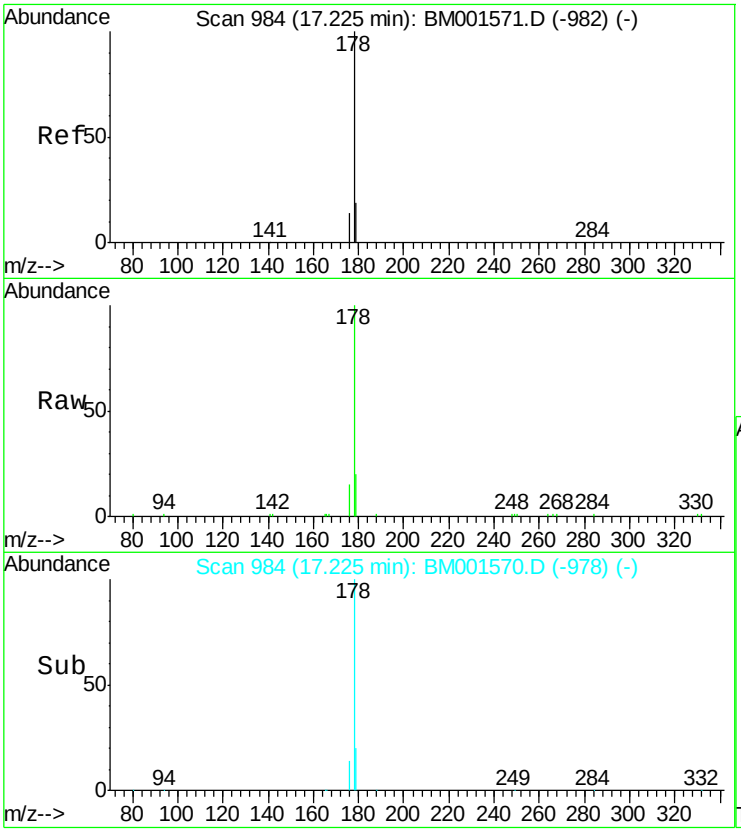


#22
Phenanthrene
Concen: 2.88 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:178 Resp: 43109

Ion	Ratio	Lower	Upper
178	100		
176	17.2	13.5	20.3
179	16.6	13.3	19.9

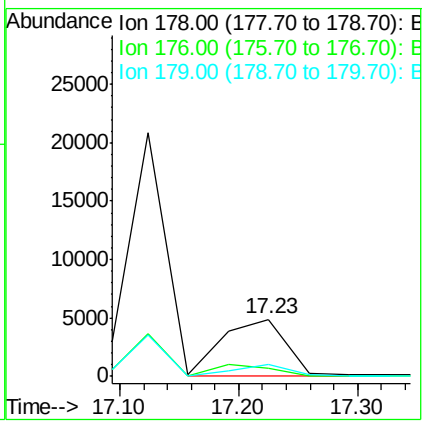




#23
Anthracene
Concen: 2.76 ng m
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:178 Resp: 18674

Ion	Ratio	Lower	Upper
178	100		
176	56.3	45.9	68.9
179	40.9	33.3	49.9



Instrument :
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ClientSampleId :
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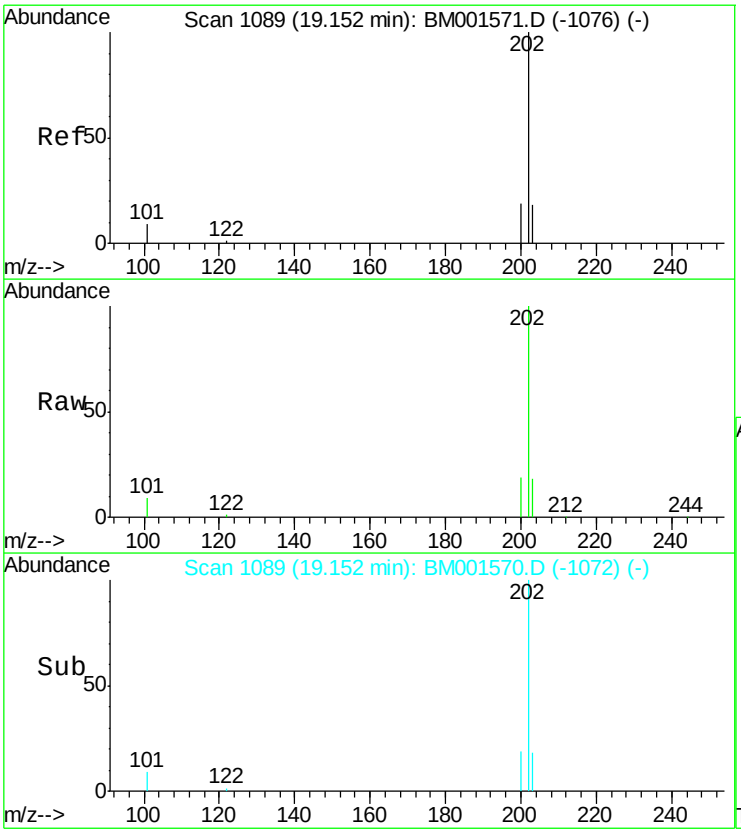
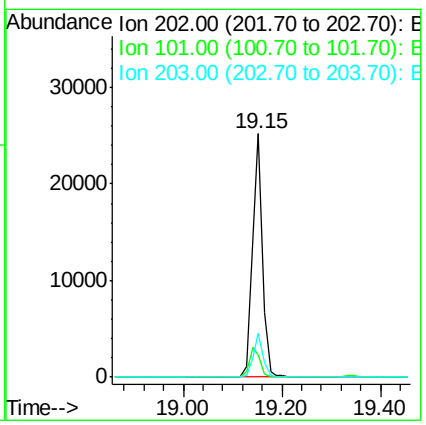
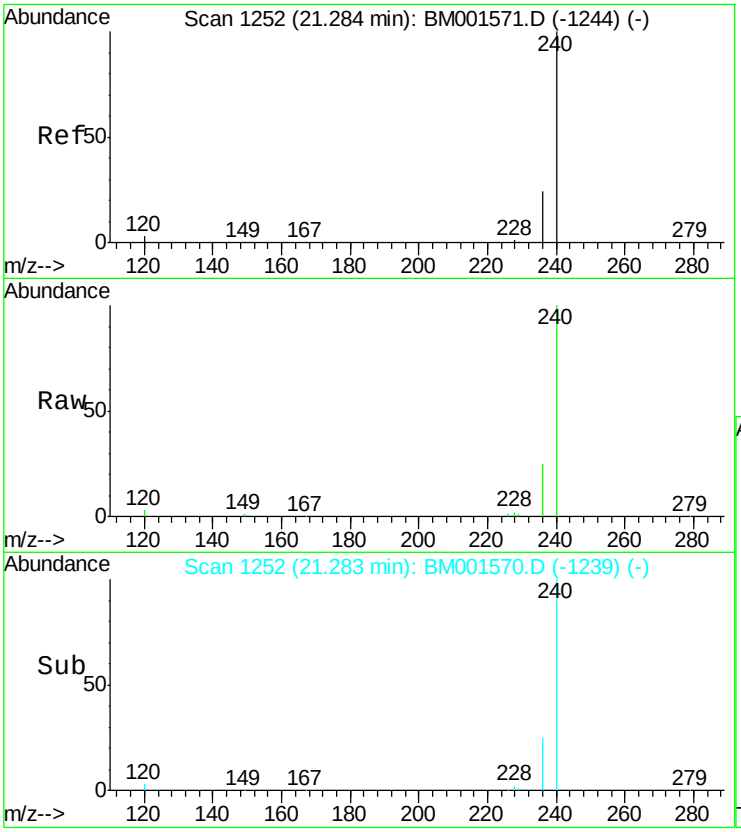


#24
Fluoranthene
Concen: 3.30 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:202 Resp: 35222

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
203	17.1	13.9	20.9

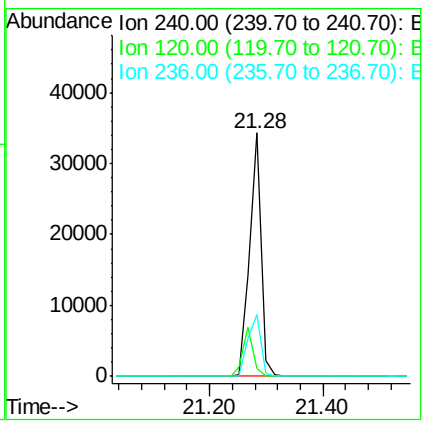




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:240 Resp: 47284

Ion	Ratio	Lower	Upper
240	100		
120	3.1	2.2	3.2
236	25.5	19.5	29.3



Instrument :
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ClientSampleId :
SSTDICC002

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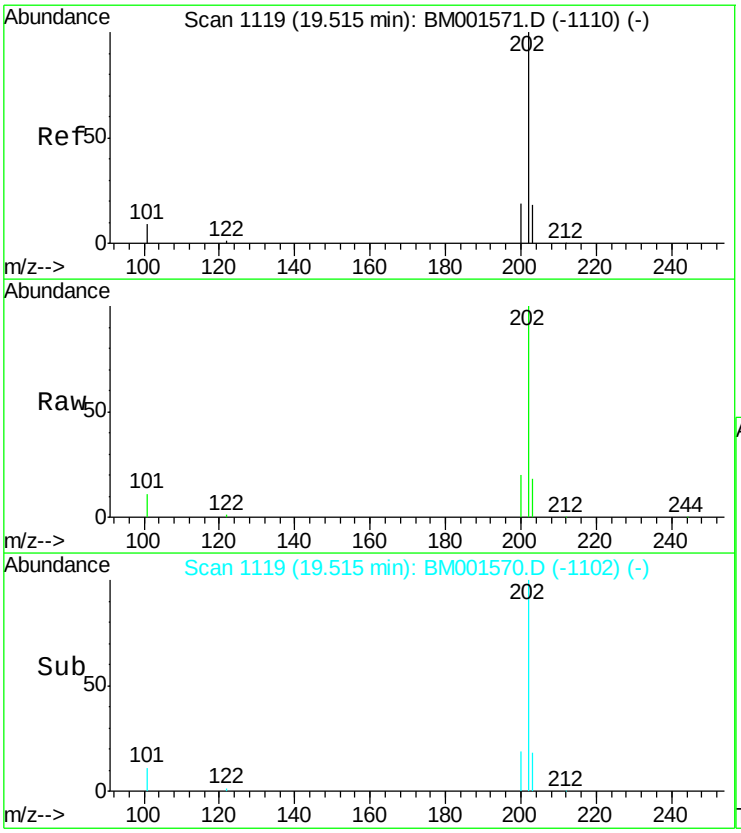
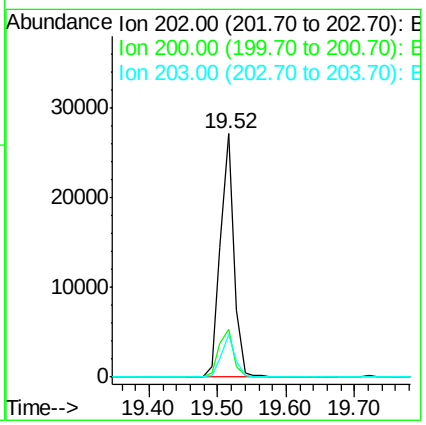
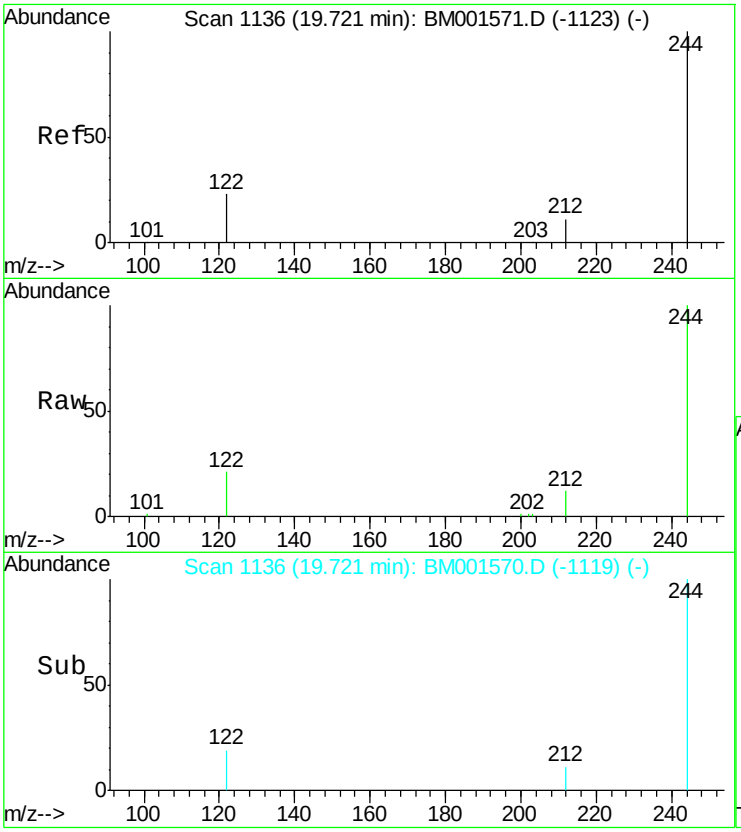


#26
Pyrene
Concen: 2.53 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:202 Resp: 36951

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.3	13.9	20.9

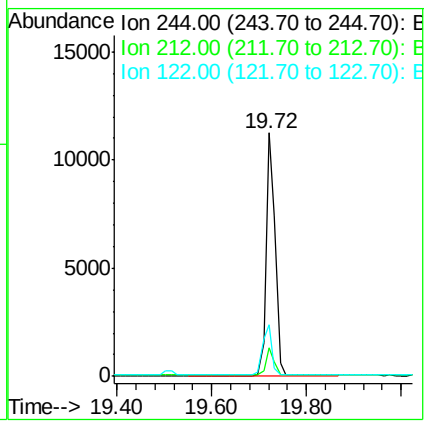




#27
Terphenyl-d14
Concen: 2.58 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:244 Resp: 15114

Ion	Ratio	Lower	Upper
244	100		
212	11.6	9.6	14.4
122	21.0	19.0	28.4



Instrument :
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ClientSampleId :
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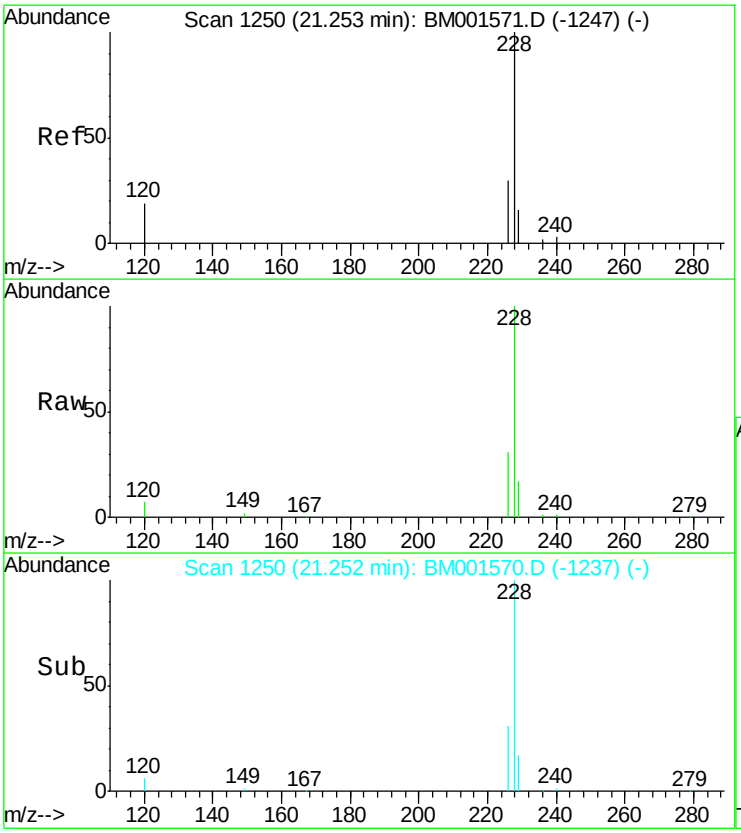
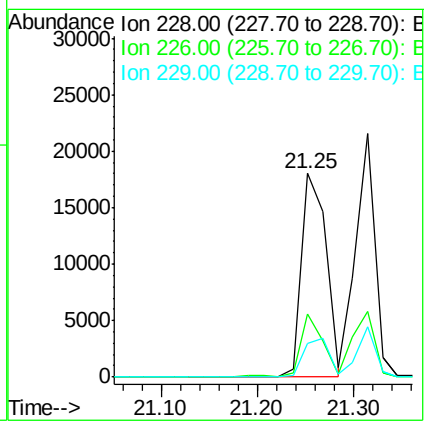
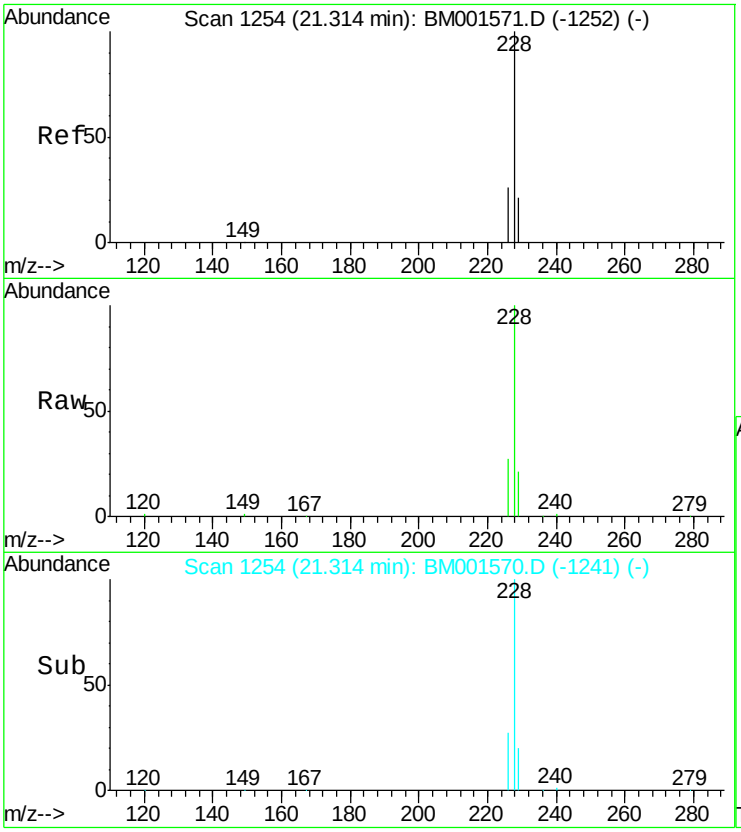


#28
Benzo(a)anthracene
Concen: 2.39 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:228 Resp: 31599

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	16.8	13.4	20.0





#29
Chrysene
Concen: 2.52 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:228 Resp: 29851

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.6
229	20.6	17.2	25.8

Instrument :
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ClientSampleId :
SSTDICC002

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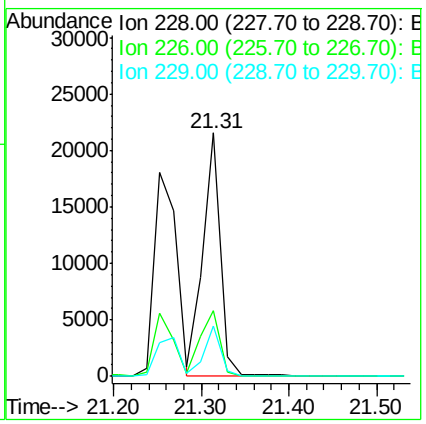
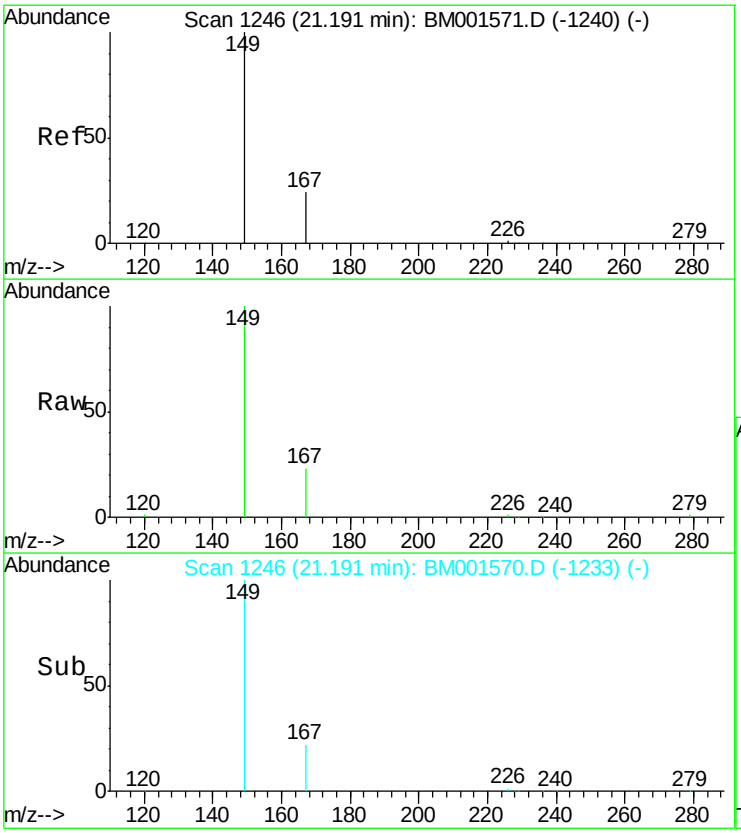
6/8/2015 2:47:22 PM

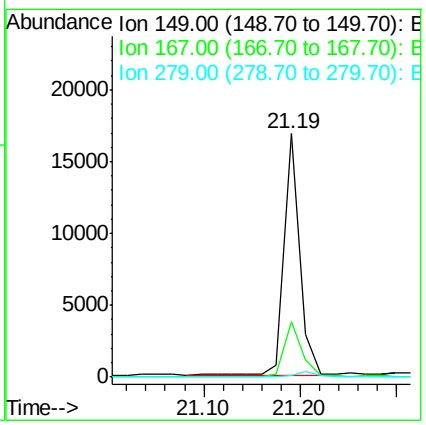


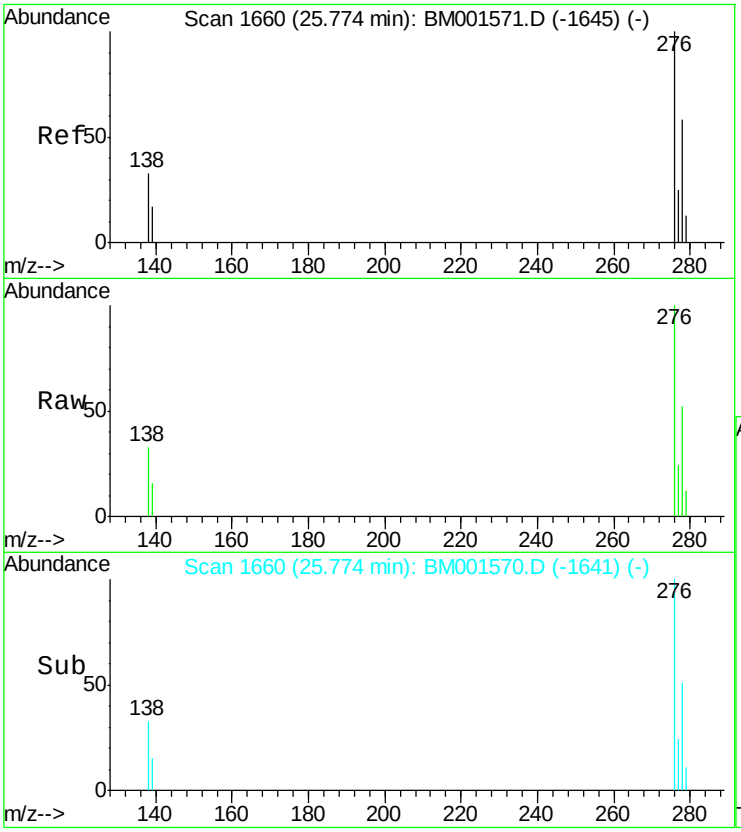


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.03 ng
RT: 21.19 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:149 Resp: 19020

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.2	30.2
279	2.1	1.8	2.6

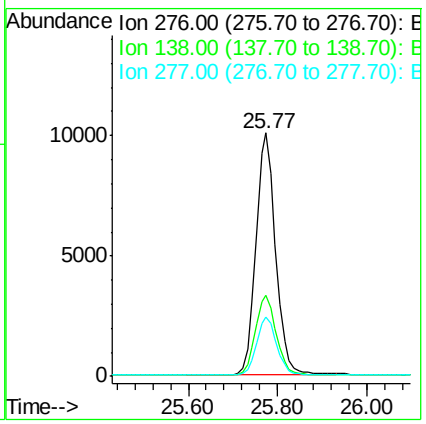




#31
Indeno(1,2,3-cd)pyrene
Concen: 2.39 ng
RT: 25.77 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:276 Resp: 31099

Ion	Ratio	Lower	Upper
276	100		
138	34.6	28.0	42.0
277	24.4	19.7	29.5



Instrument :
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ClientSampleId :
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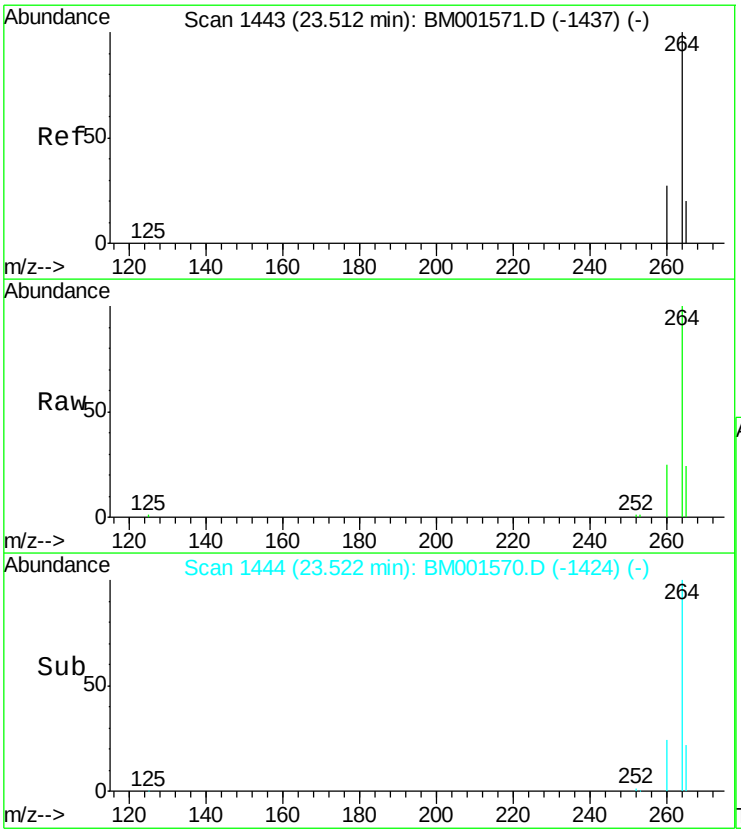
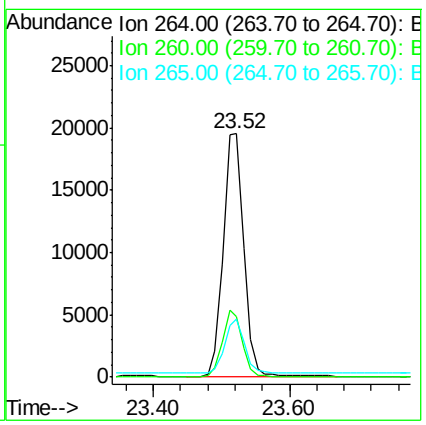
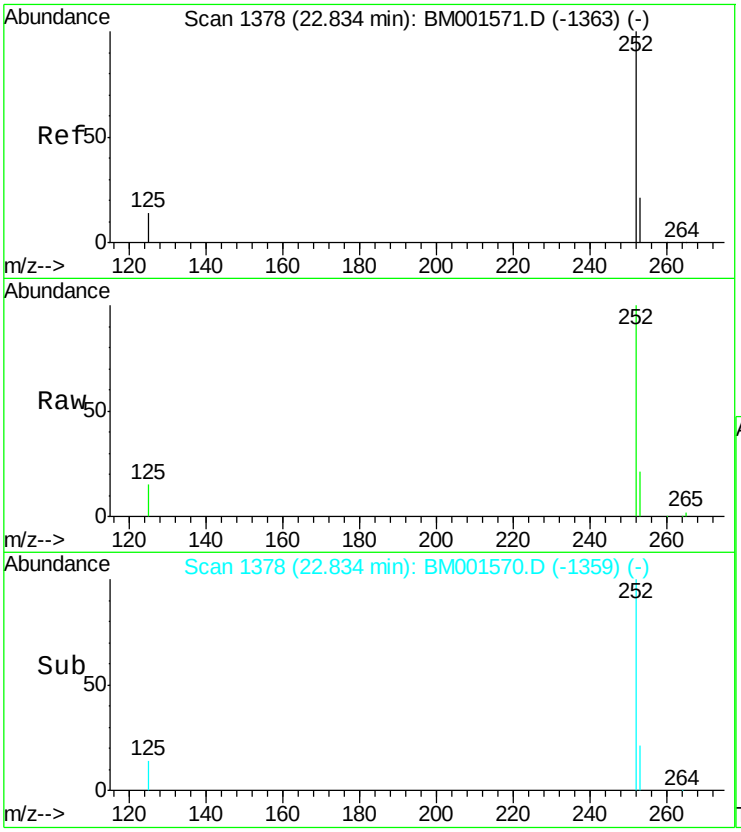


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:264 Resp: 40561

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.6	32.4
265	23.7	16.5	24.7

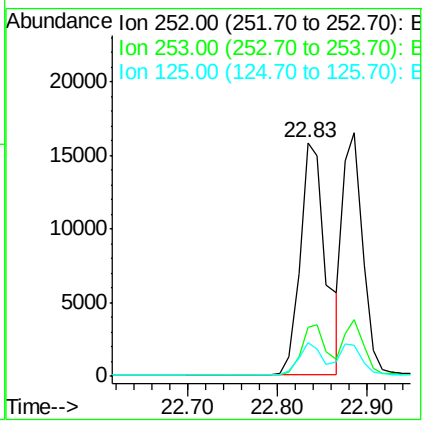




#33
Benzo(b)fluoranthene
Concen: 2.82 ng
RT: 22.83 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:252 Resp: 31683

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	14.6	11.8	17.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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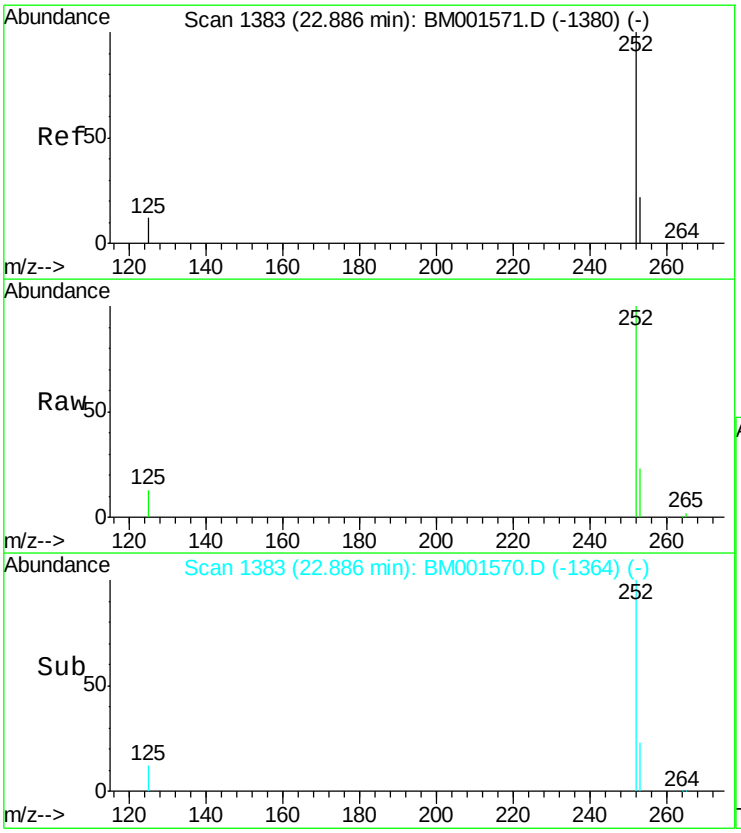
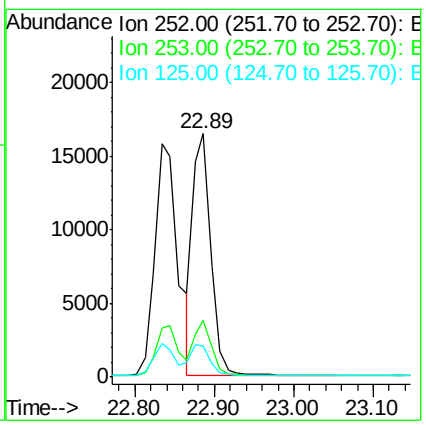
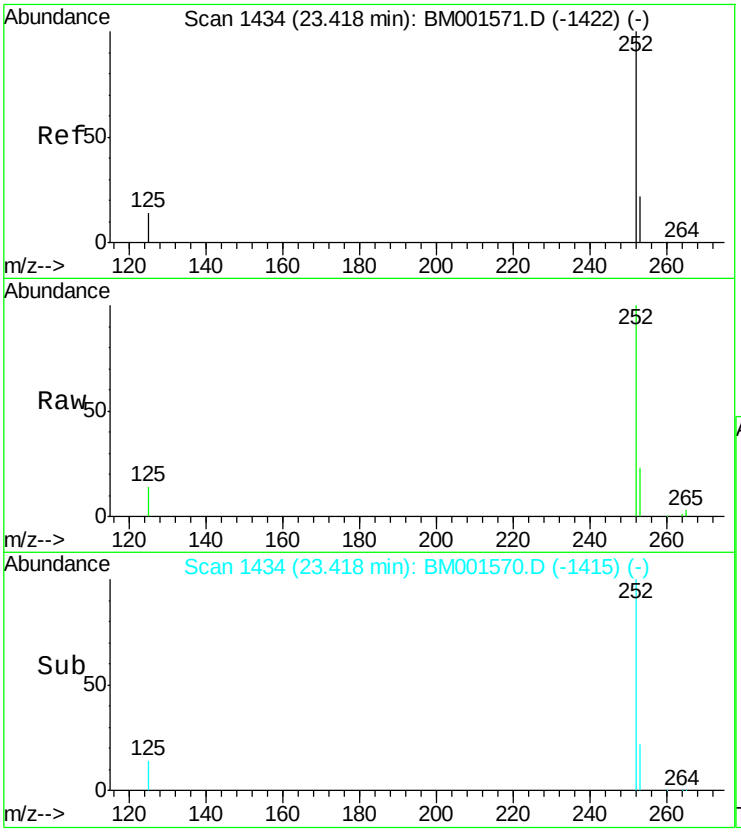


#34
Benzo(k)fluoranthene
Concen: 2.43 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:252 Resp: 25554

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	12.9	10.7	16.1

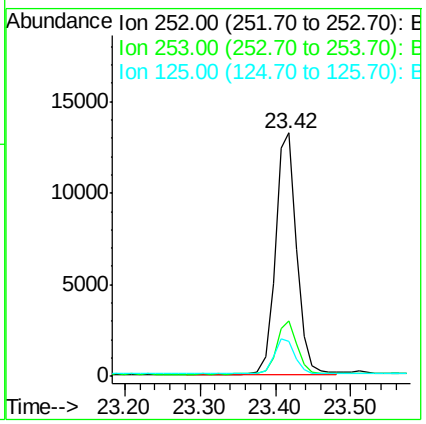




#35
Benzo(a)pyrene
Concen: 2.55 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:252 Resp: 25963

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	14.5	12.1	18.1



Instrument :
BNA_M
ClientSampleId :
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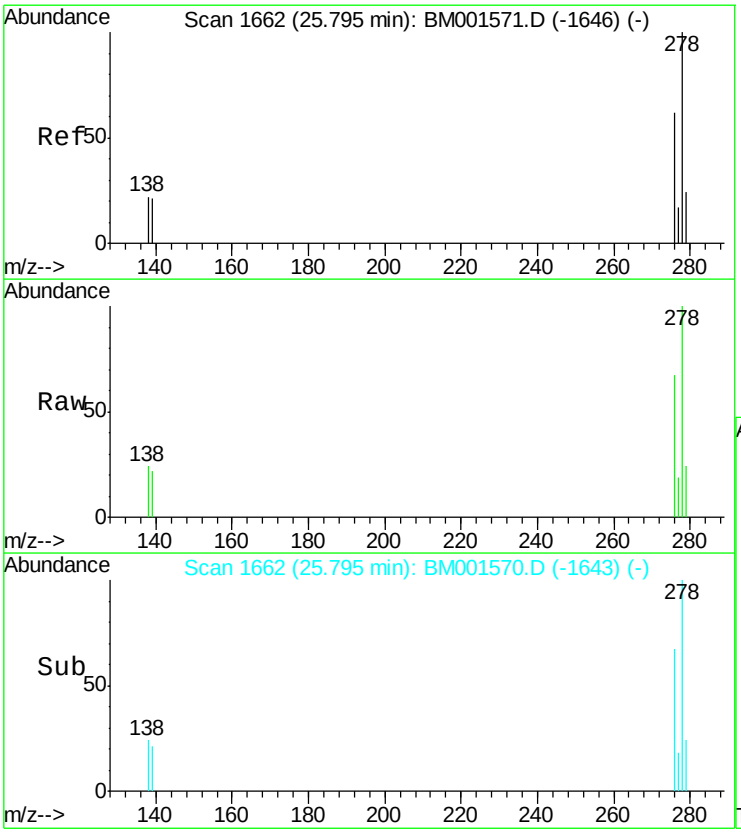
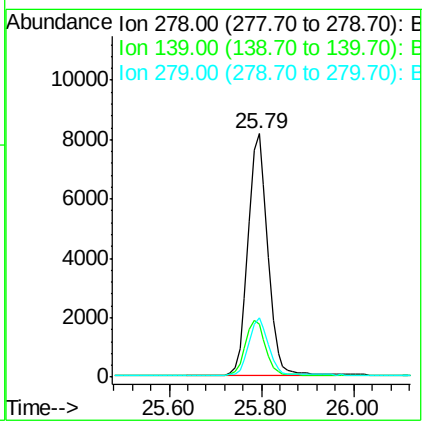
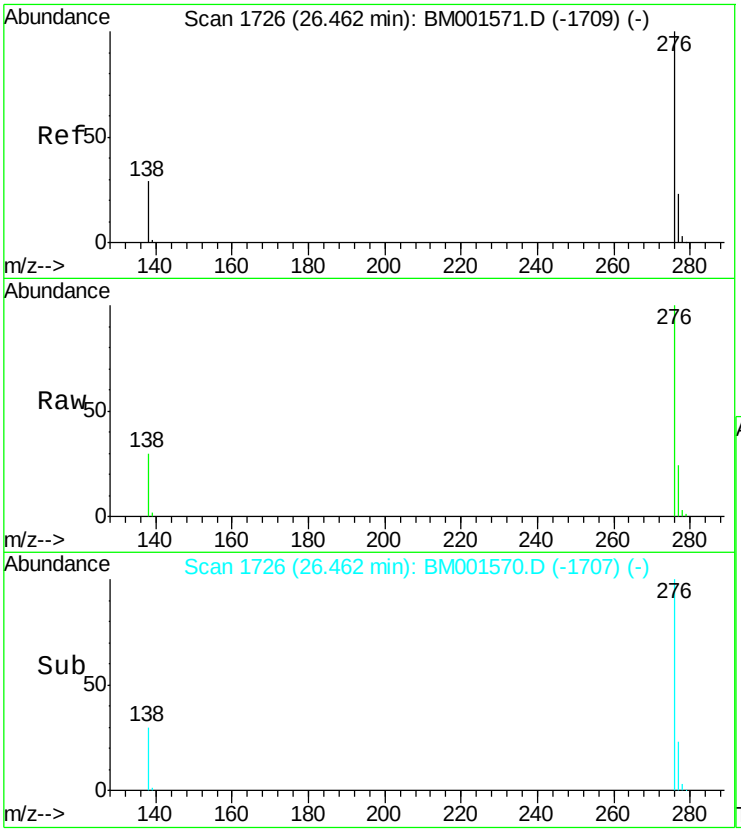


#36
Dibenzo(a,h)anthracene
Concen: 2.57 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:278 Resp: 24401

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.4	26.0
279	24.3	20.0	30.0

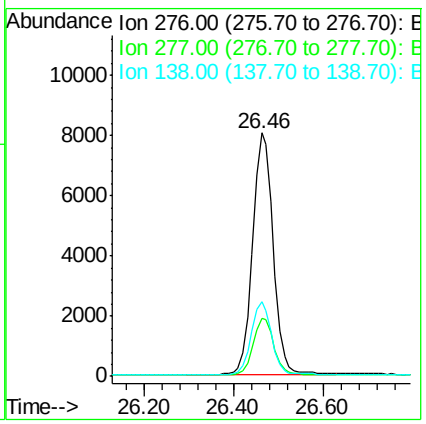




#37
Benzo(g,h,i)perylene
Concen: 2.58 ng
RT: 26.46 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM001570.D
Acq: 05 Jun 2015 17:49

Tgt Ion:276 Resp: 25731

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.5	23.7	35.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
apatel
6/8/2015 2:47:22 PM