Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
Data File : BM004679.D
Acq On : 18 Mar 2016 12:53
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Manual Integrations APPROVED
mohammad
3/21/2016 2:42:47 PM

Quant Time: Mar 19 02:03:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 01:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	28946	5.00	ng		0.00
6) Naphthalene-d8	10.63	136	118097	5.00	ng		0.00
10) Acenaphthene-d10	14.47	164	63966	5.00	ng		0.00
16) Phenanthrene-d10	17.20	188	136016	5.00	ng		-0.02
22) Chrysene-d12	21.40	240	131160	5.00	ng		0.01
28) Perylene-d12	23.69	264	123659	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	688	0.10	ng		0.00
5) Phenol-d6	6.99	99	832	0.10	ng		0.00
7) Nitrobenzene-d5	8.99	82	567	0.10	ng		0.00
11) 2,4,6-Tribromophenol	15.95	330	236m	0.11	ng		0.00
12) 2-Fluorobiphenyl	13.10	172	1874	0.10	ng		0.00
24) Terphenyl-d14	19.83	244	1723	0.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	365	0.13	ng	#	81
3) n-Nitrosodimethylamine	3.66	42	311	0.10	ng	#	95
8) Naphthalene	10.66	128	3957	0.12	ng	#	94
9) 2-Methylnaphthalene	12.28	142	2070	0.10	ng	#	93
13) Acenaphthylene	14.18	152	3224	0.10	ng		99
14) Acenaphthene	14.51	154	2244	0.10	ng		98
15) Fluorene	15.51	166	2790	0.11	ng	#	100
17) Hexachlorobenzene	16.53	284	647	0.08	ng	#	100
18) Pentachlorophenol	16.86	266	506	0.11	ng		91
19) Phenanthrene	17.25	178	4939	0.09	ng		96
20) Anthracene	17.32	178	3484	0.09	ng		97
21) Fluoranthene	19.27	202	4902	0.10	ng		100
23) Pyrene	19.63	202	5122	0.11	ng		99
25) Benzo(a)anthracene	21.38	228	5299m	0.10	ng		
26) Chrysene	21.42	228	4855m	0.12	ng		
27) Indeno(1,2,3-cd)pyrene	26.02	276	4737	0.11	ng		99
29) Benzo(b)fluoranthene	22.99	252	4544	0.10	ng	#	83
30) Benzo(k)fluoranthene	23.05	252	4582	0.10	ng	#	85
31) Benzo(a)pyrene	23.59	252	4296	0.10	ng	#	81
32) Dibenzo(a,h)anthracene	26.04	278	3778	0.10	ng	#	87
33) Benzo(g,h,i)perylene	26.73	276	4075	0.09	ng		93

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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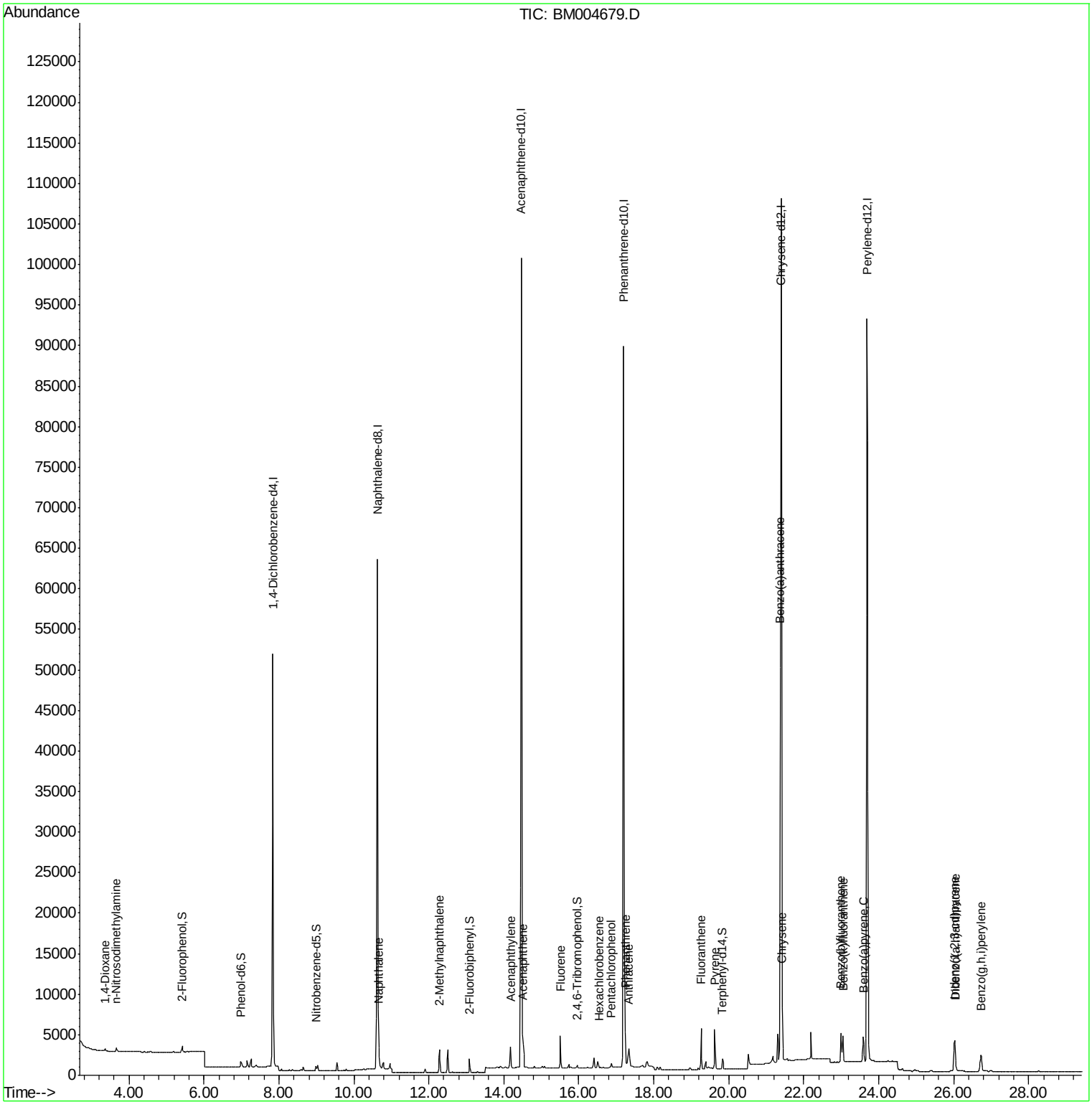
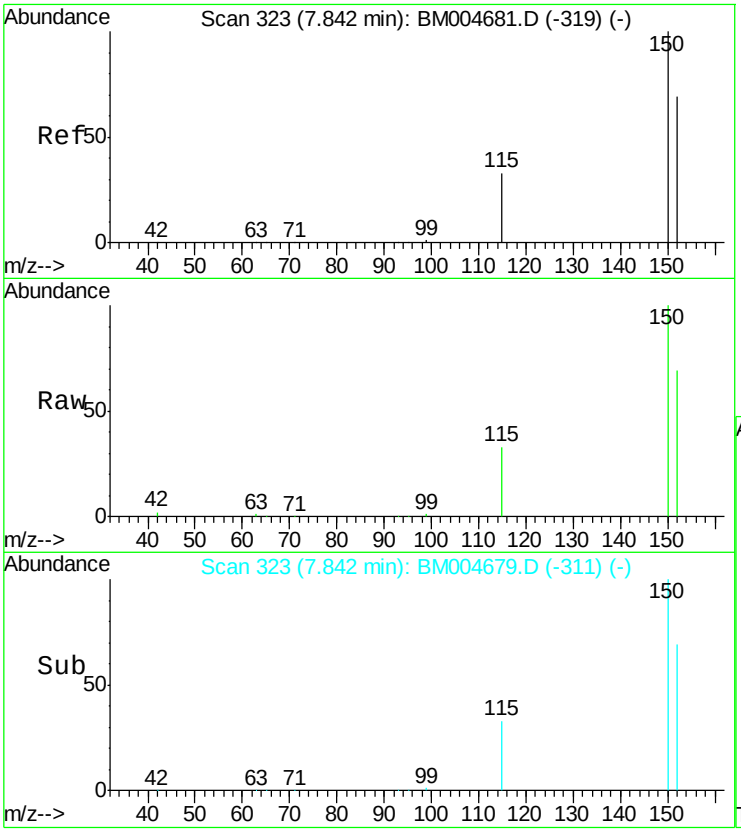
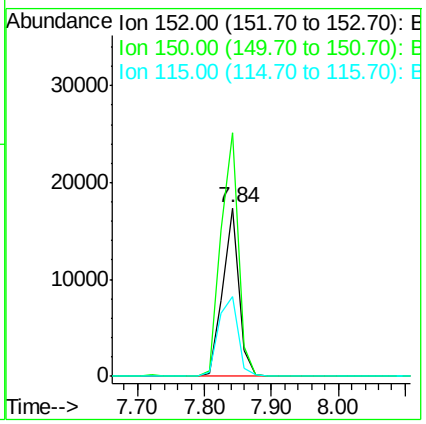




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:152 Resp: 28946

Ion	Ratio	Lower	Upper
152	100		
150	144.7	115.9	173.9
115	47.8	38.4	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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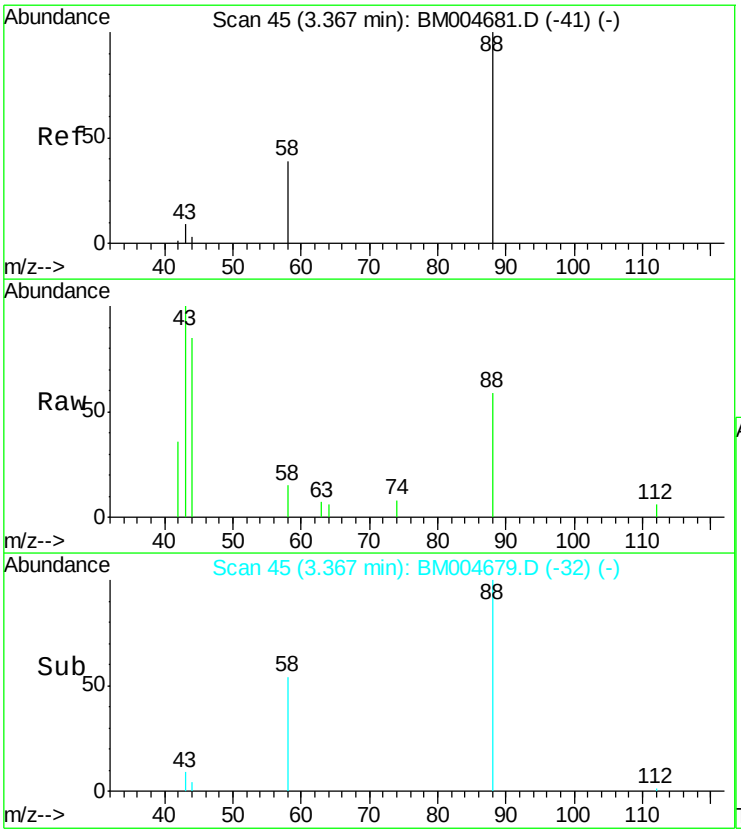
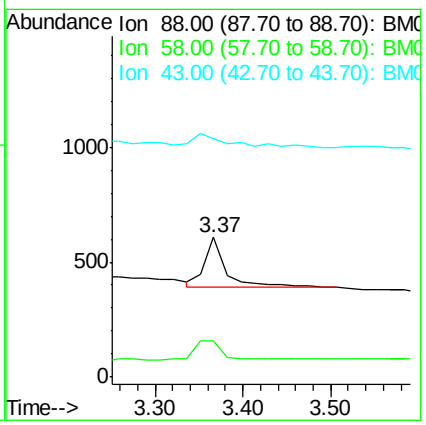
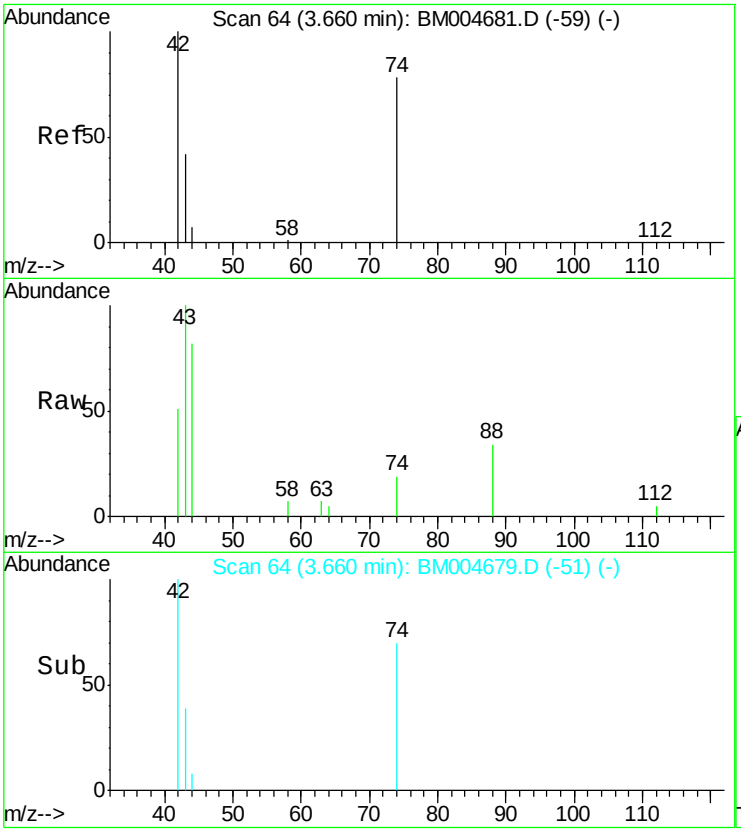


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion: 88 Resp: 365

Ion	Ratio	Lower	Upper
88	100		
58	47.1	43.9	65.9
43	43.8	19.9	29.9#





#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion: 42 Resp: 311

Ion	Ratio	Lower	Upper
42	100		
74	145.7	120.9	181.3
44	14.5	6.0	9.0#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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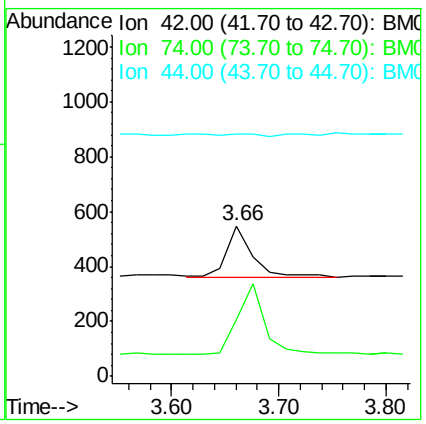
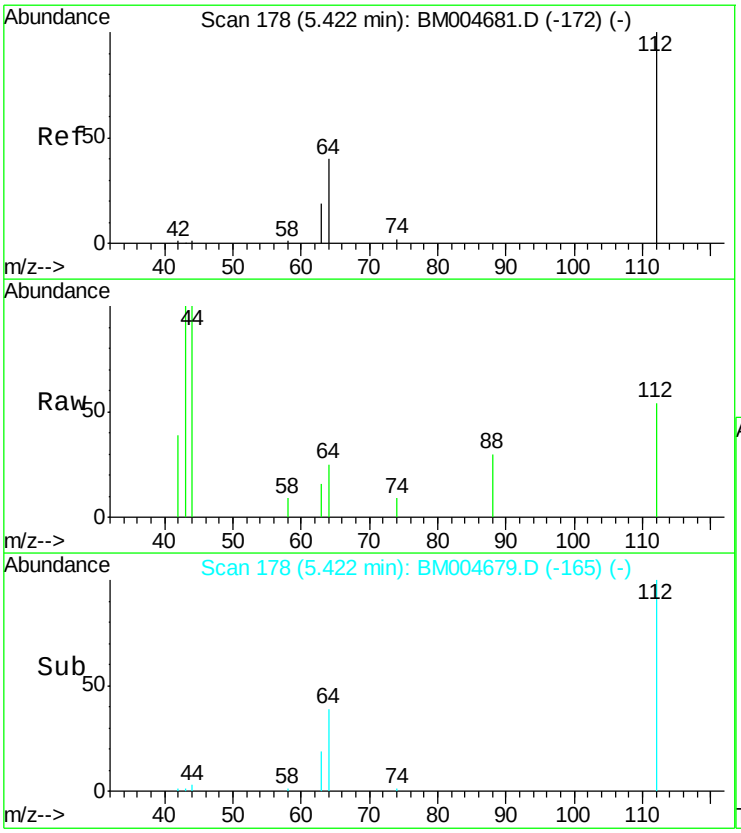
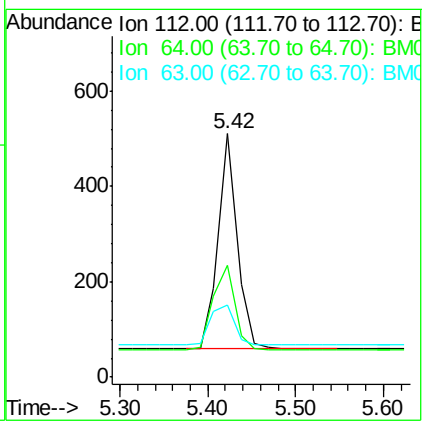


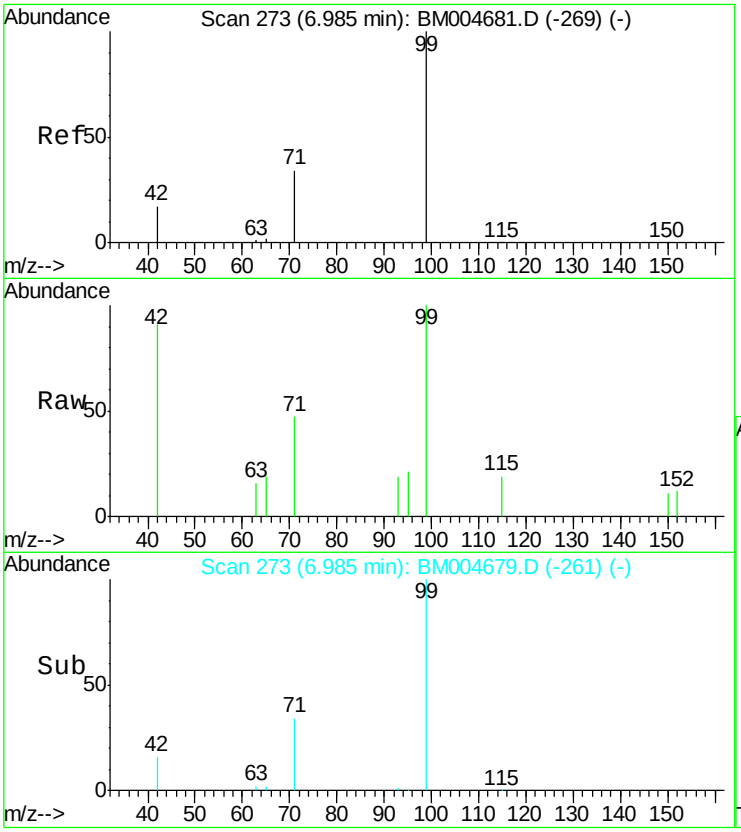


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.42 min Scan# 178
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:112 Resp: 688

Ion	Ratio	Lower	Upper
112	100		
64	44.5	37.0	55.6
63	23.7	19.3	28.9

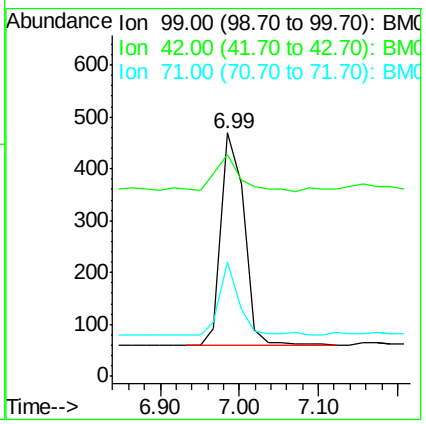




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.99 min Scan# 273
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion: 99 Resp: 832

Ion	Ratio	Lower	Upper
99	100		
42	18.6	12.7	19.1
71	28.8	22.9	34.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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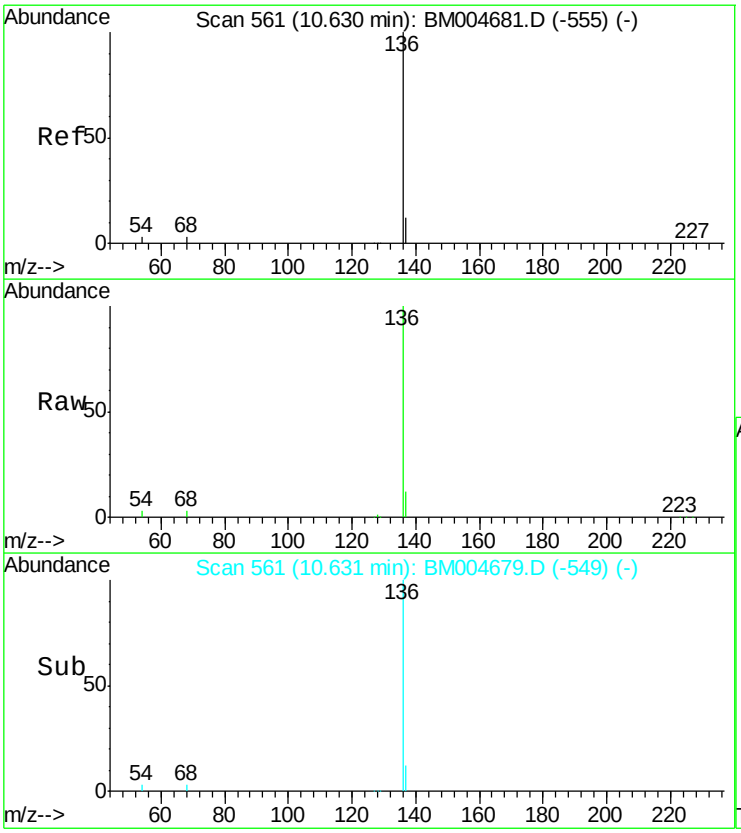
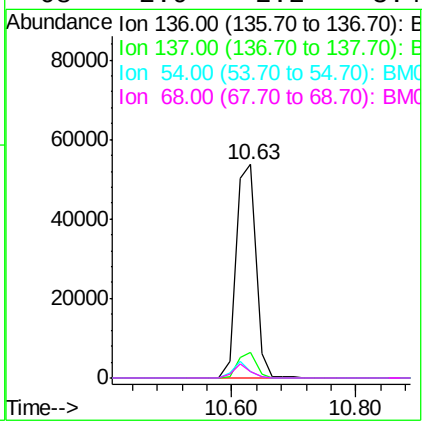
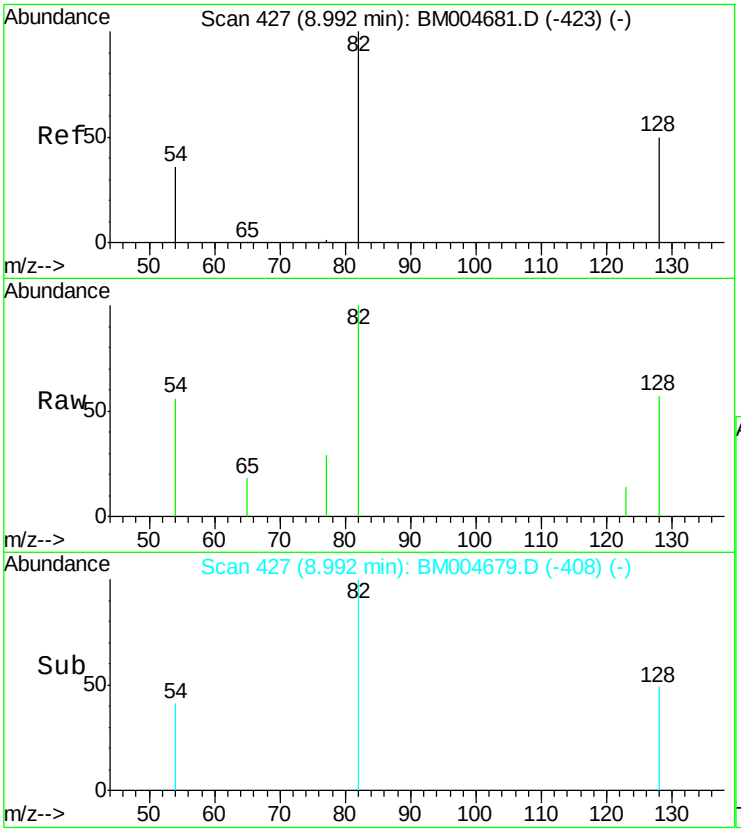


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.63 min Scan# 561
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:136 Resp: 118097

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	2.8	2.2	3.4
68	2.9	2.2	3.4

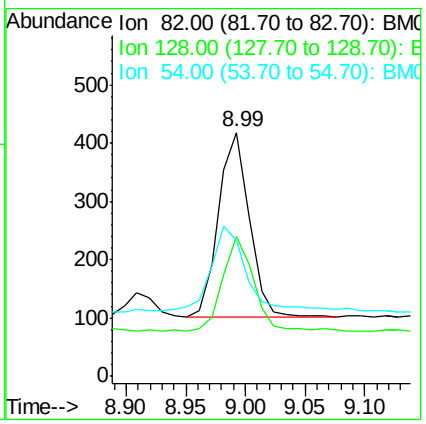




#7
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.99 min Scan# 427
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion: 82 Resp: 567

Ion	Ratio	Lower	Upper
82	100		
128	57.2	41.8	62.8
54	56.0	32.9	49.3#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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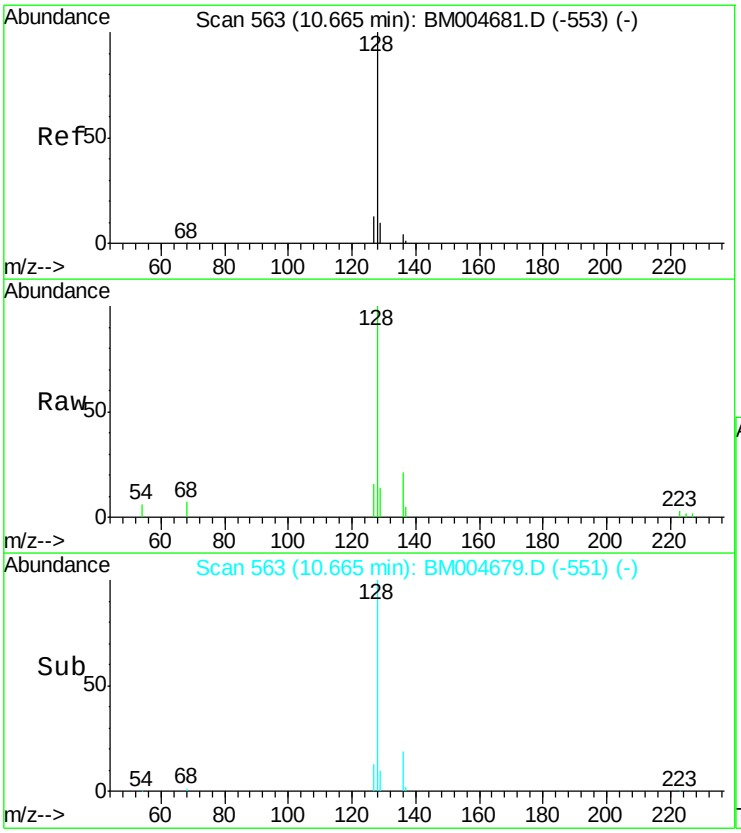
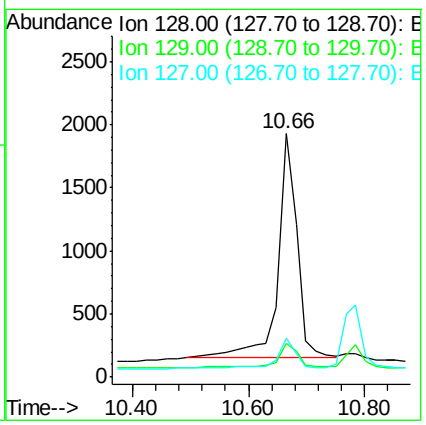
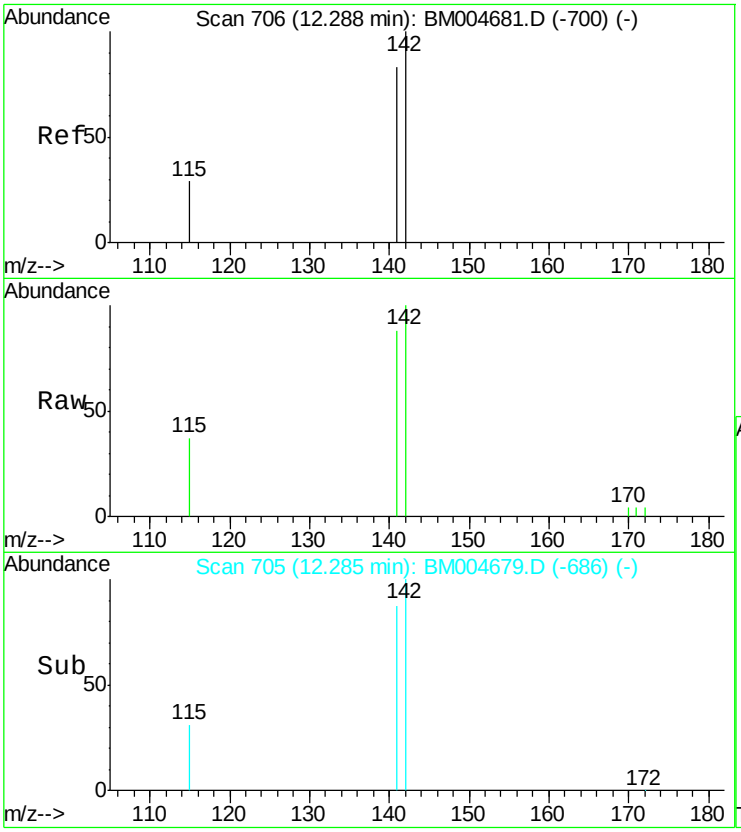


#8
Naphthalene
Concen: 0.12 ng
RT: 10.66 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:128 Resp: 3957

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.9	13.3#
127	16.0	11.3	16.9

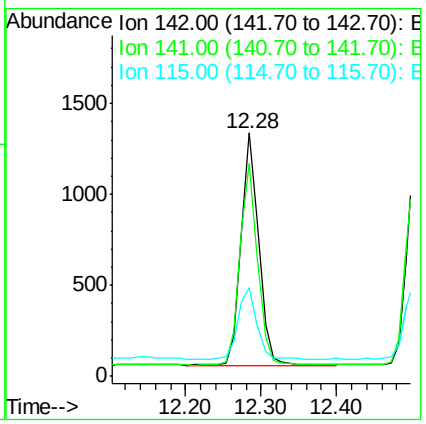




#9
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.28 min Scan# 705
Delta R.T. -0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:142 Resp: 2070

Ion	Ratio	Lower	Upper
142	100		
141	87.6	66.2	99.2
115	36.7	23.8	35.8#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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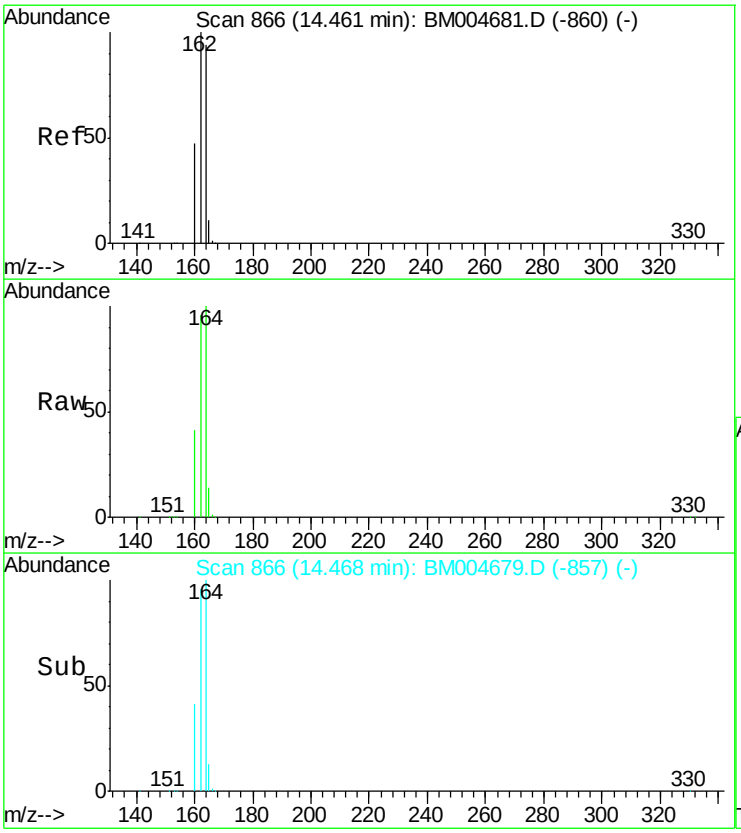
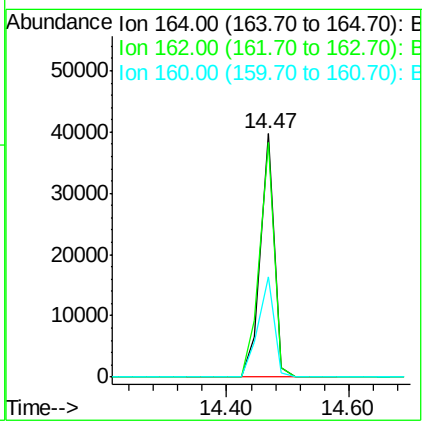
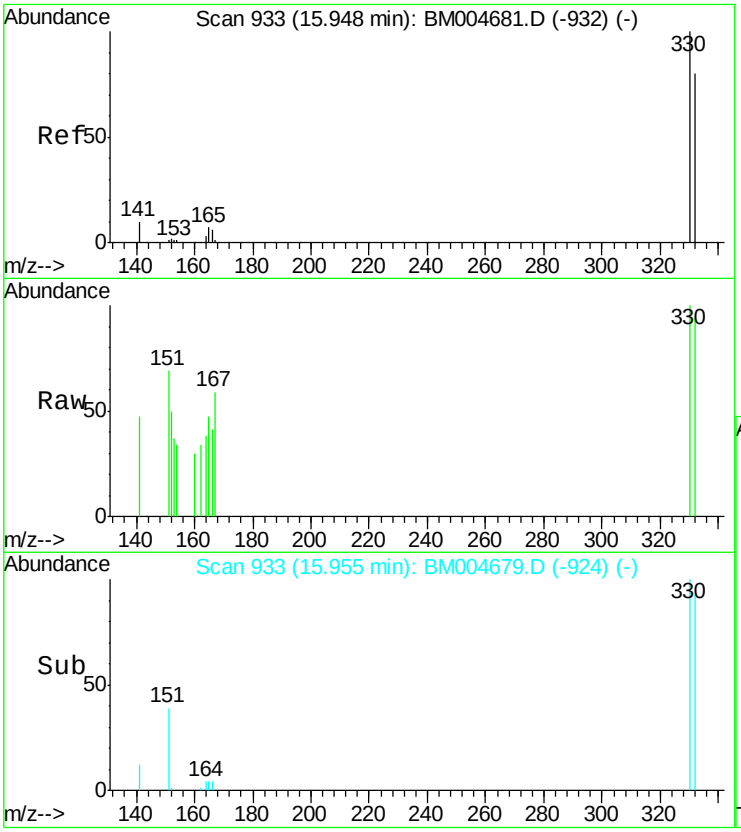


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.47 min Scan# 866
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:164 Resp: 63966

Ion	Ratio	Lower	Upper
164	100		
162	96.2	85.4	128.0
160	41.1	40.2	60.2

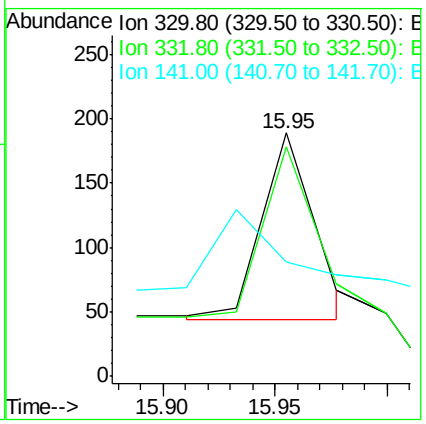




#11
2,4,6-Tribromophenol
Concen: 0.11 ng m
RT: 15.95 min Scan# 933
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:330 Resp: 236

Ion	Ratio	Lower	Upper
330	100		
332	197.0	93.9	140.9#
141	0.0	42.2	63.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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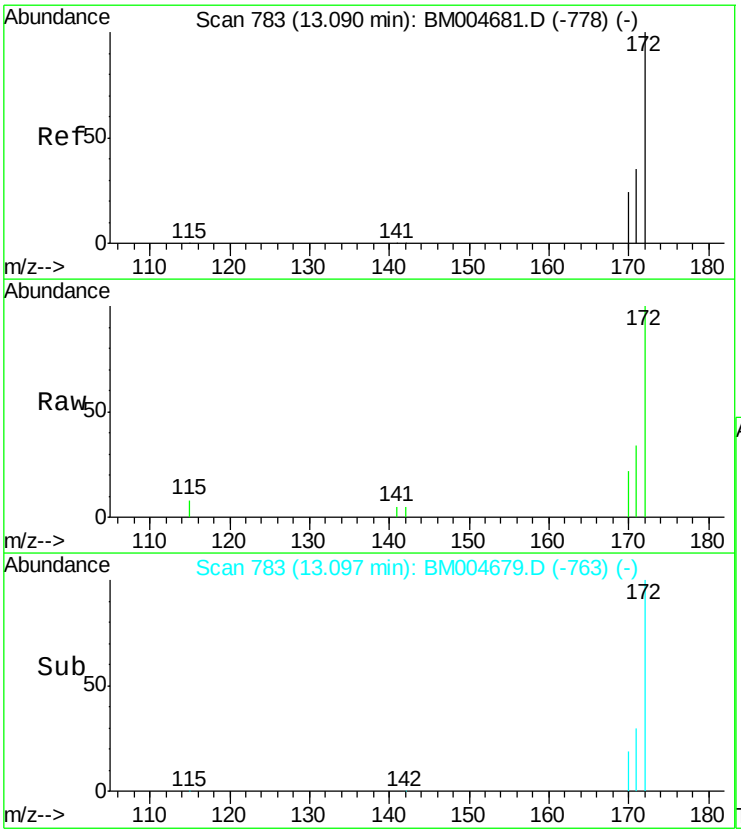
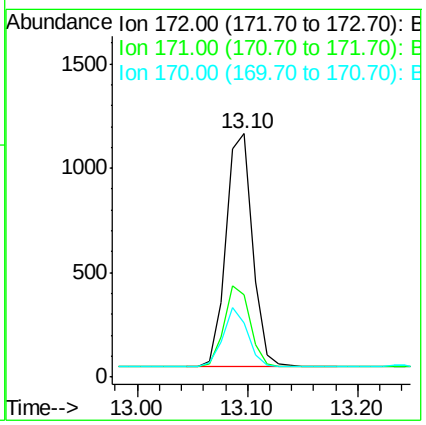
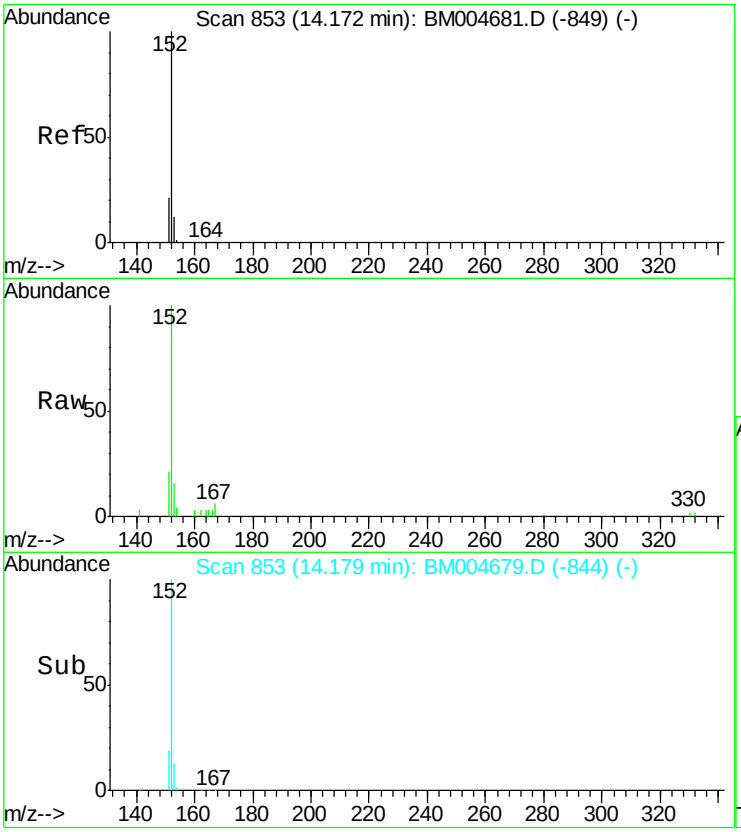


#12
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.10 min Scan# 783
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:172 Resp: 1874

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.2	42.2
170	22.5	19.4	29.2

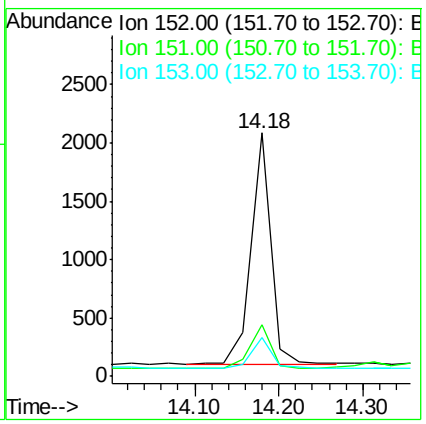




#13
Acenaphthylene
Concen: 0.10 ng
RT: 14.18 min Scan# 853
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:152 Resp: 3224

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.3	10.2	15.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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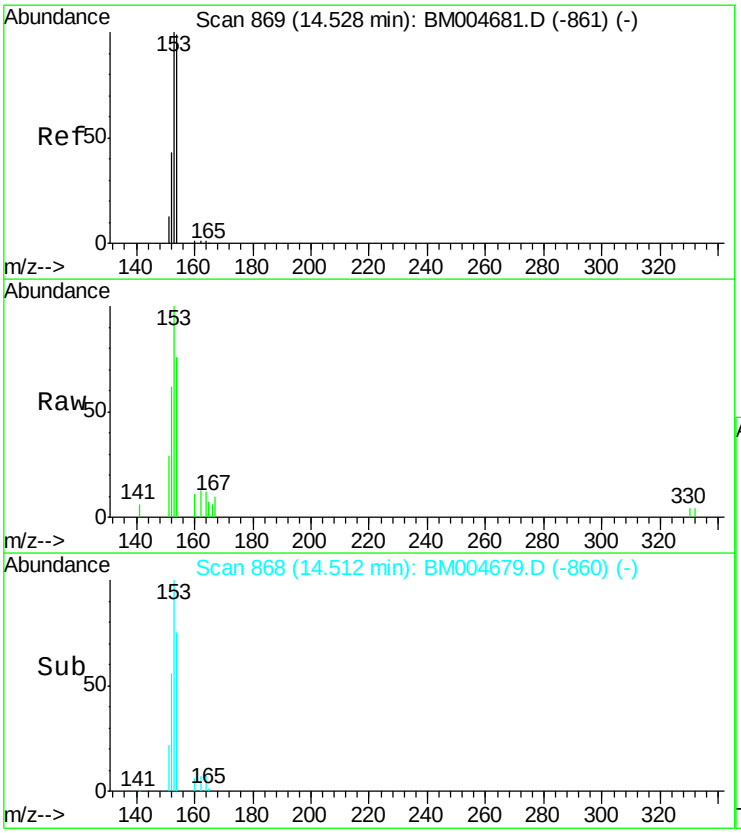
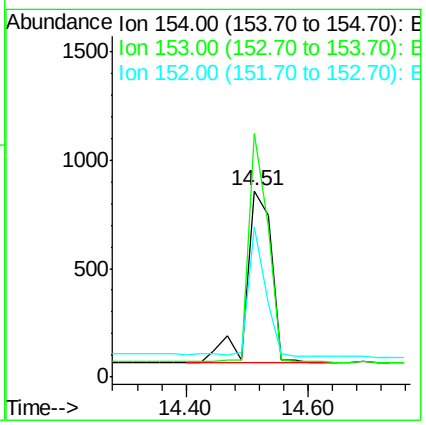
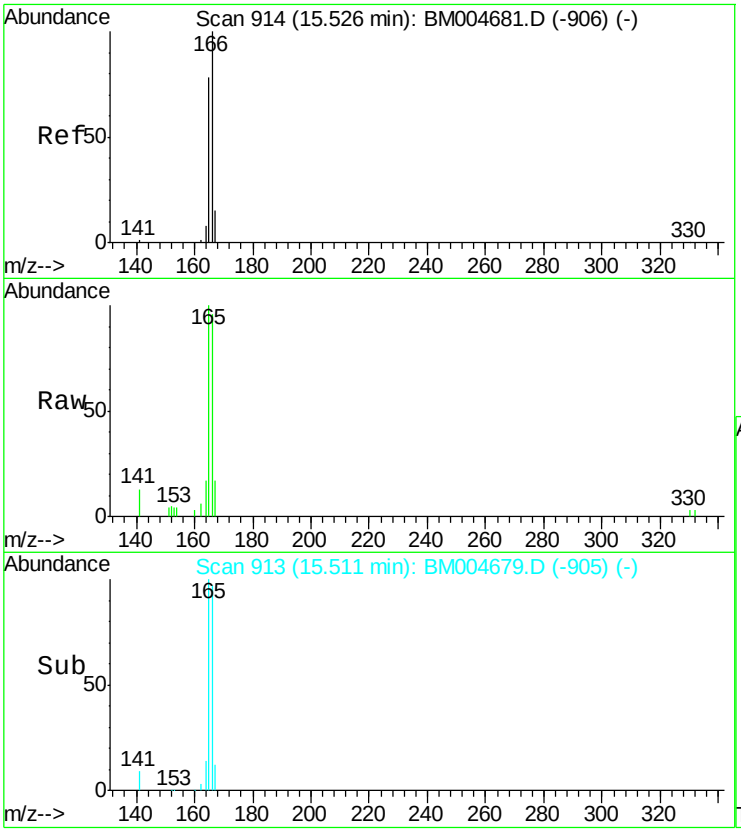


#14
Acenaphthene
Concen: 0.10 ng
RT: 14.51 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:154 Resp: 2244

Ion	Ratio	Lower	Upper
154	100		
153	102.3	83.8	125.6
152	52.1	40.3	60.5

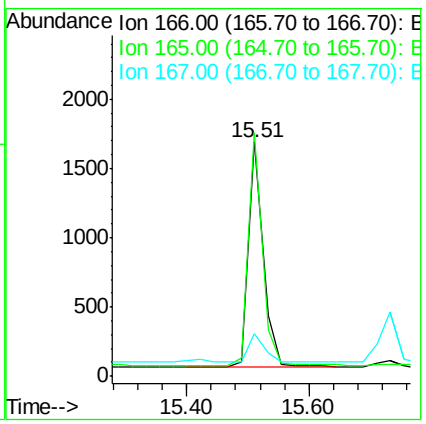




#15
Fluorene
Concen: 0.11 ng
RT: 15.51 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:166 Resp: 2790

Ion	Ratio	Lower	Upper
166	100		
165	97.5	0.0	0.0#
167	13.4	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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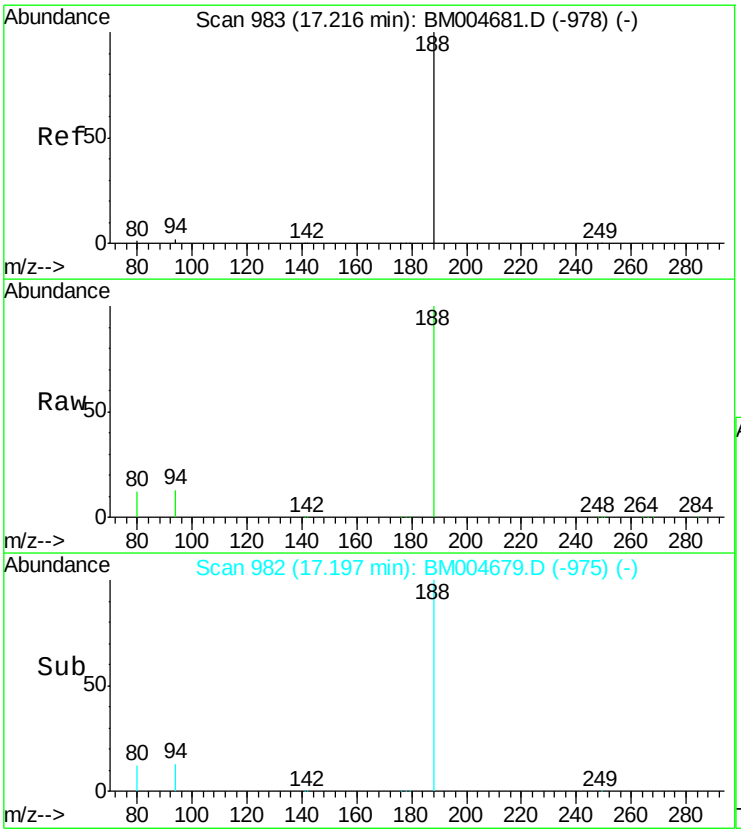
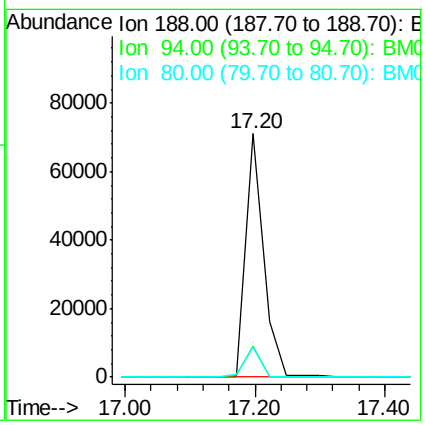
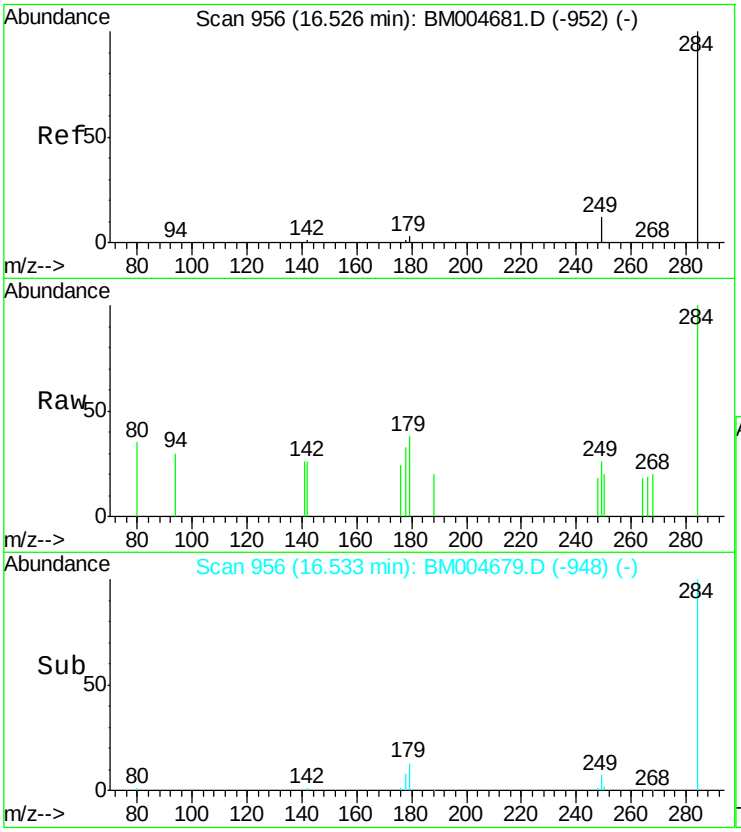


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.20 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:188 Resp: 136016

Ion	Ratio	Lower	Upper
188	100		
94	12.7	1.4	2.0#
80	12.2	1.0	1.6#

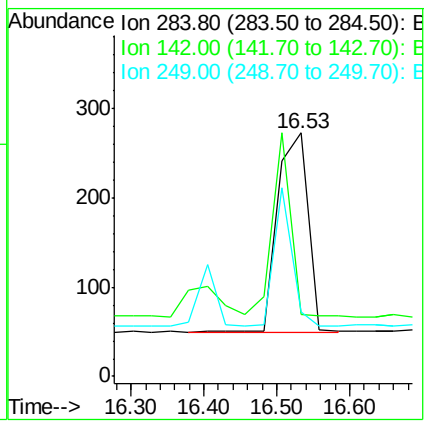




#17
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:284 Resp: 647

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



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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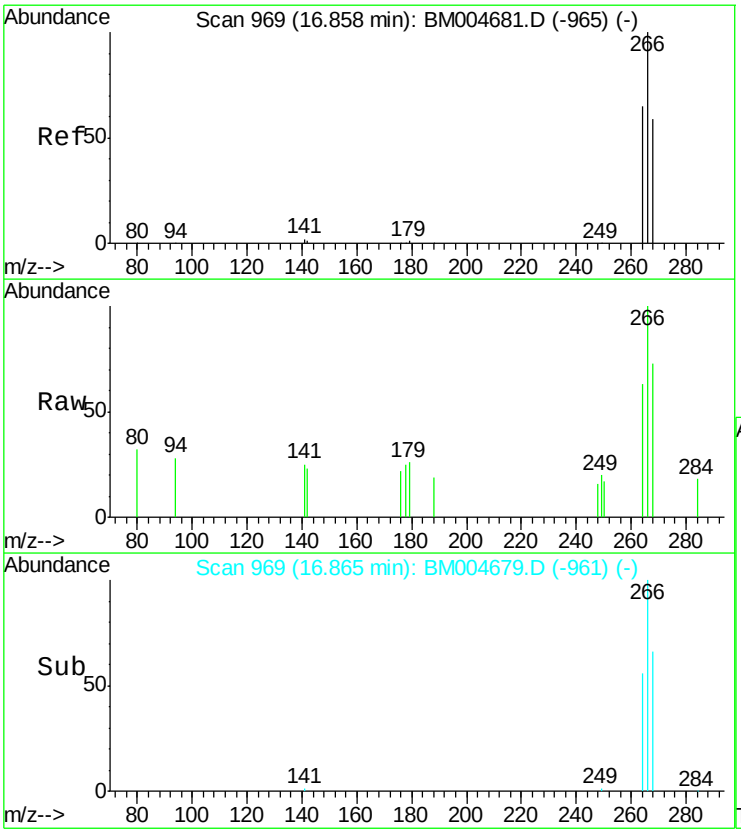
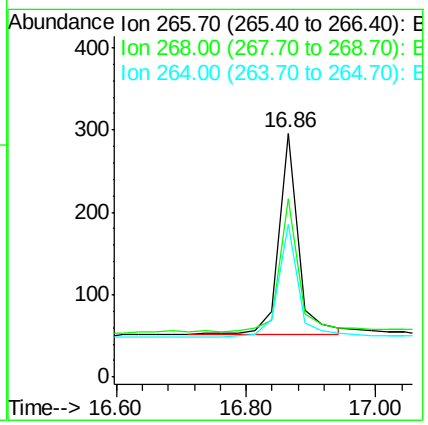
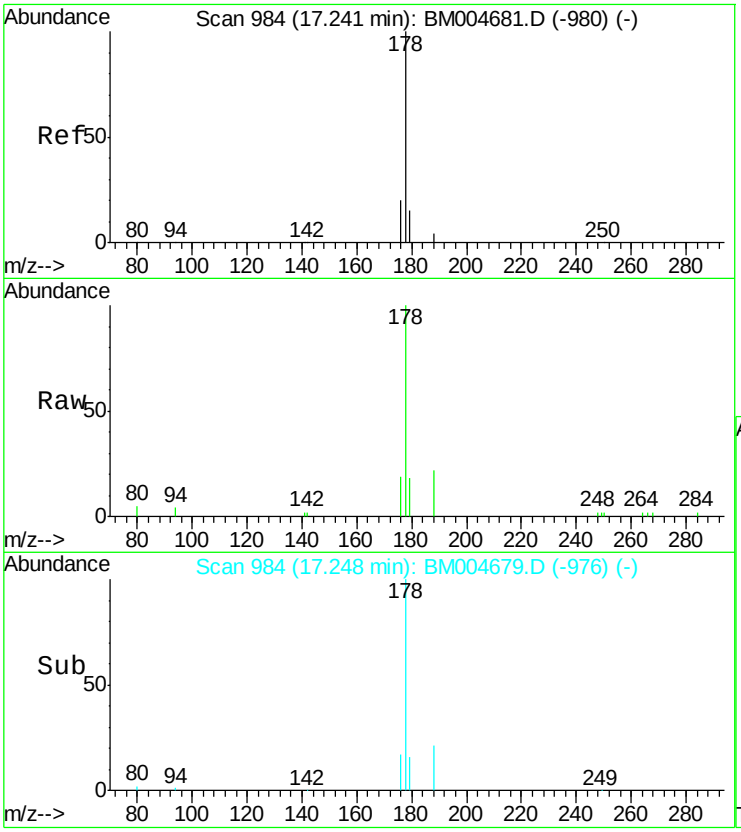


#18
Pentachlorophenol
Concen: 0.11 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:266 Resp: 506

Ion	Ratio	Lower	Upper
266	100		
268	73.0	49.1	73.7
264	62.8	52.9	79.3

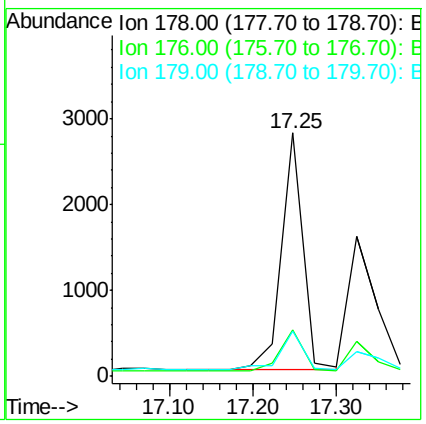




#19
Phenanthrene
Concen: 0.09 ng
RT: 17.25 min Scan# 984
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:178 Resp: 4939

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	17.5	12.2	18.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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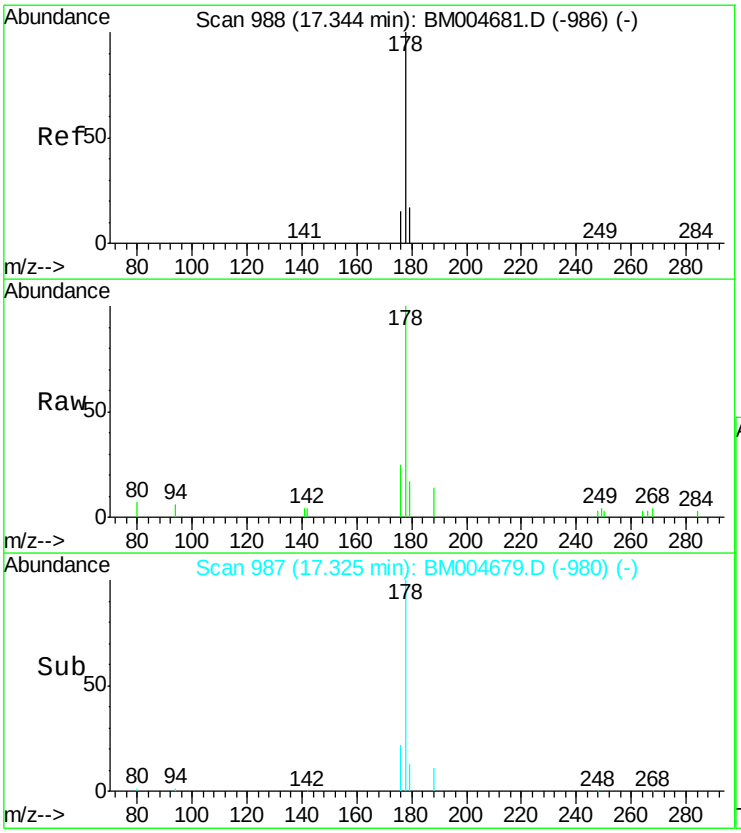
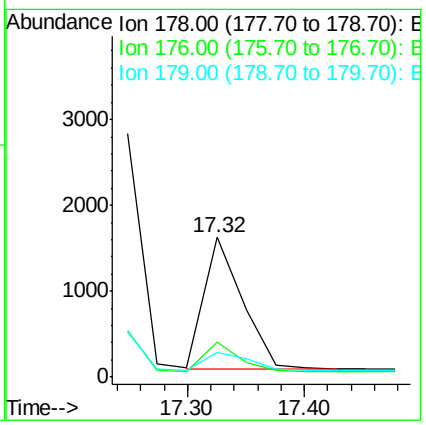
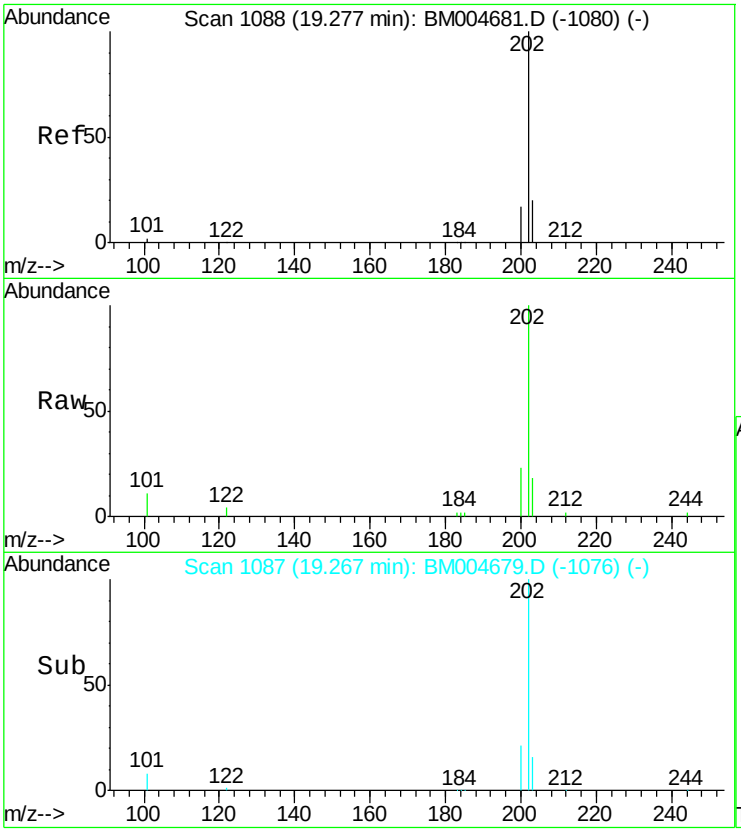


#20
Anthracene
Concen: 0.09 ng
RT: 17.32 min Scan# 987
Delta R.T. -0.02 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:178 Resp: 3484

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.5	21.7
179	14.8	12.6	18.8

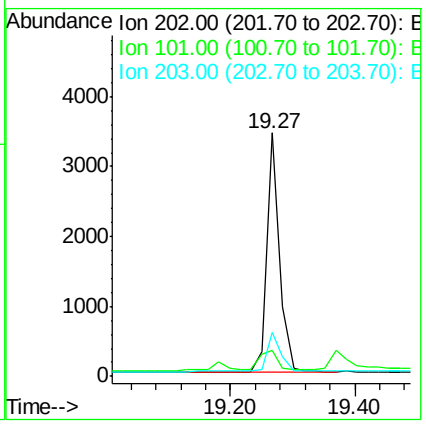




#21
Fluoranthene
Concen: 0.10 ng
RT: 19.27 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:202 Resp: 4902

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.4	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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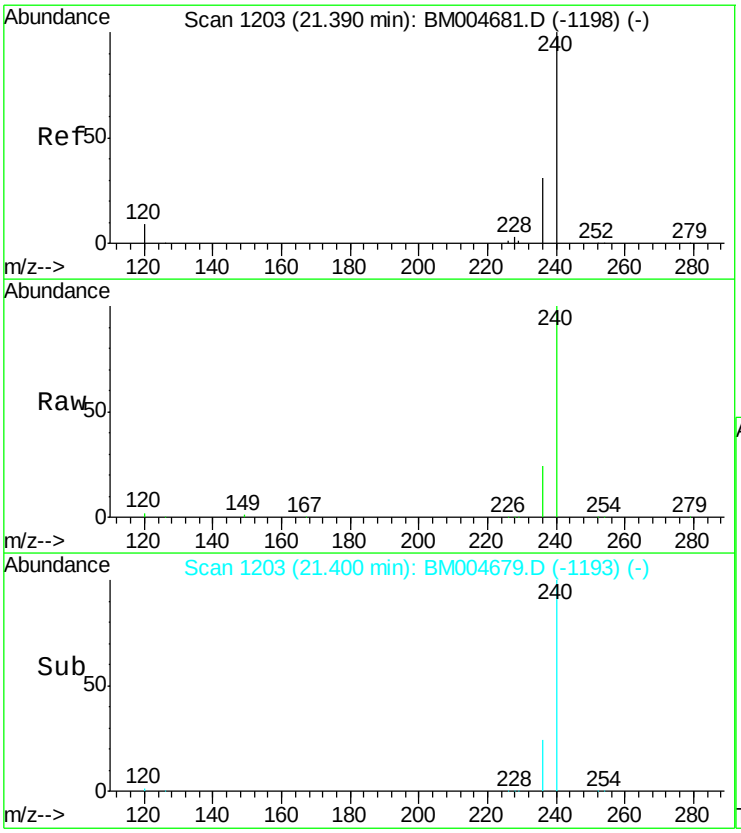
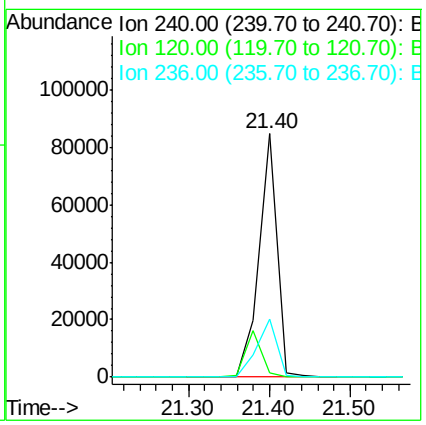
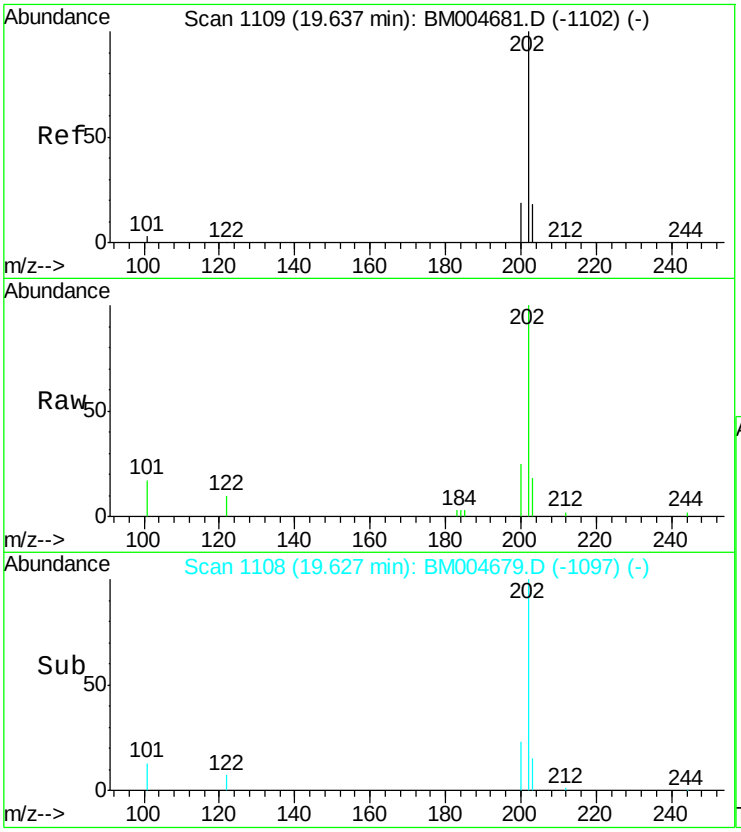


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:240 Resp: 131160

Ion	Ratio	Lower	Upper
240	100		
120	1.6	7.4	11.2#
236	23.7	24.5	36.7#

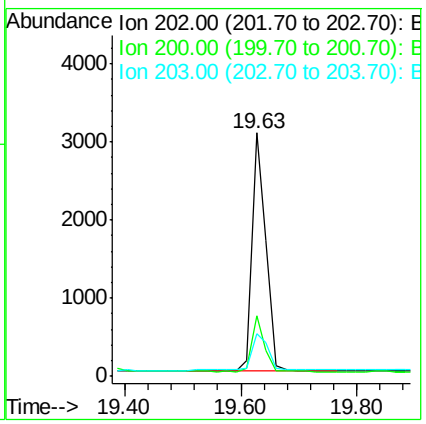




#23
Pyrene
Concen: 0.11 ng
RT: 19.63 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:202 Resp: 5122

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.7	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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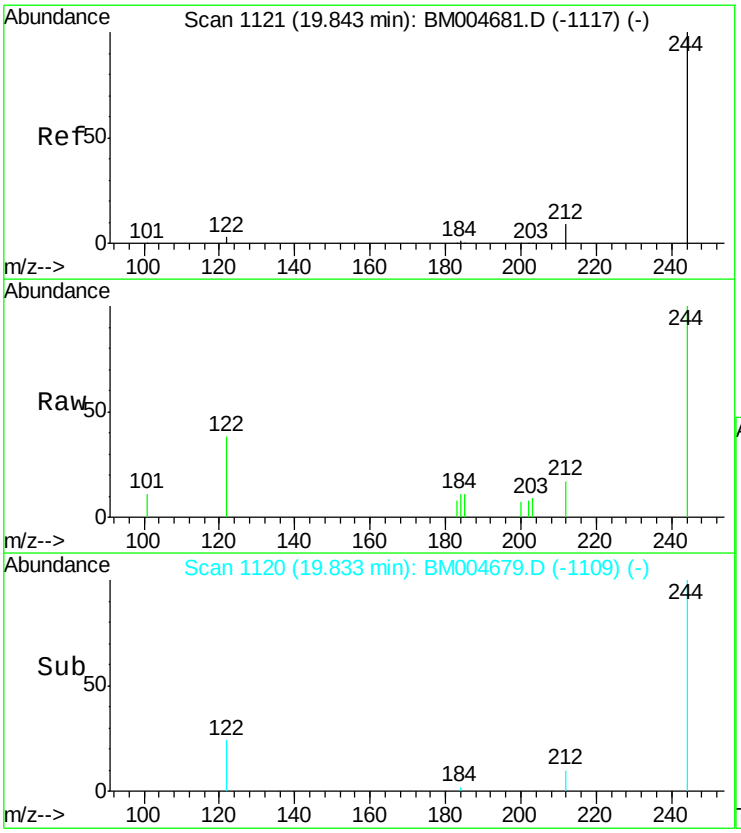
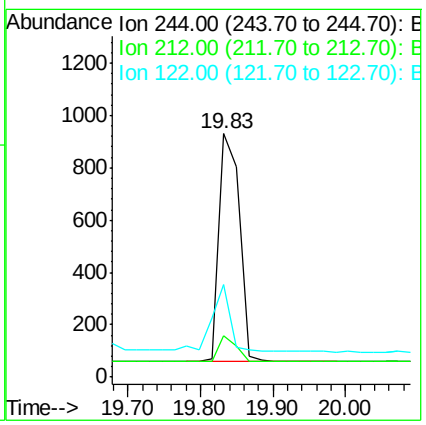
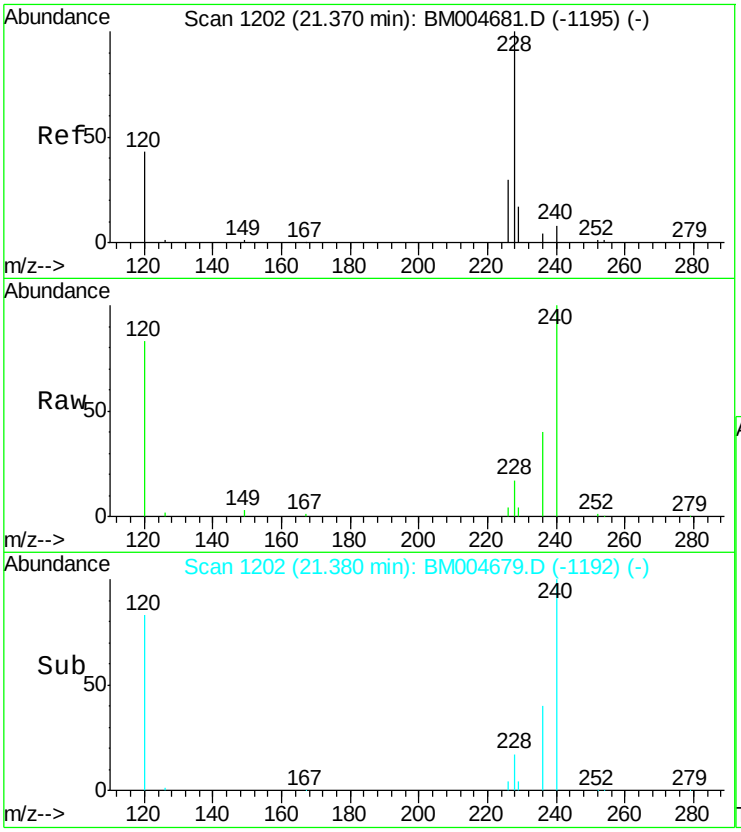


#24
Terphenyl-d14
Concen: 0.10 ng
RT: 19.83 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:244 Resp: 1723

Ion	Ratio	Lower	Upper
244	100		
212	16.8	7.7	11.5#
122	38.0	3.4	5.0#

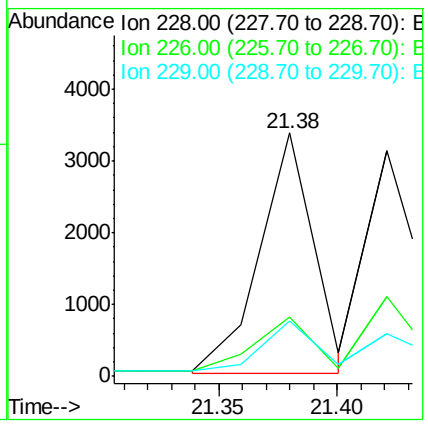




#25
Benzo(a)anthracene
Concen: 0.10 ng m
RT: 21.38 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:228 Resp: 5299

Ion	Ratio	Lower	Upper
228	100		
226	24.4	24.2	36.2
229	22.9	14.2	21.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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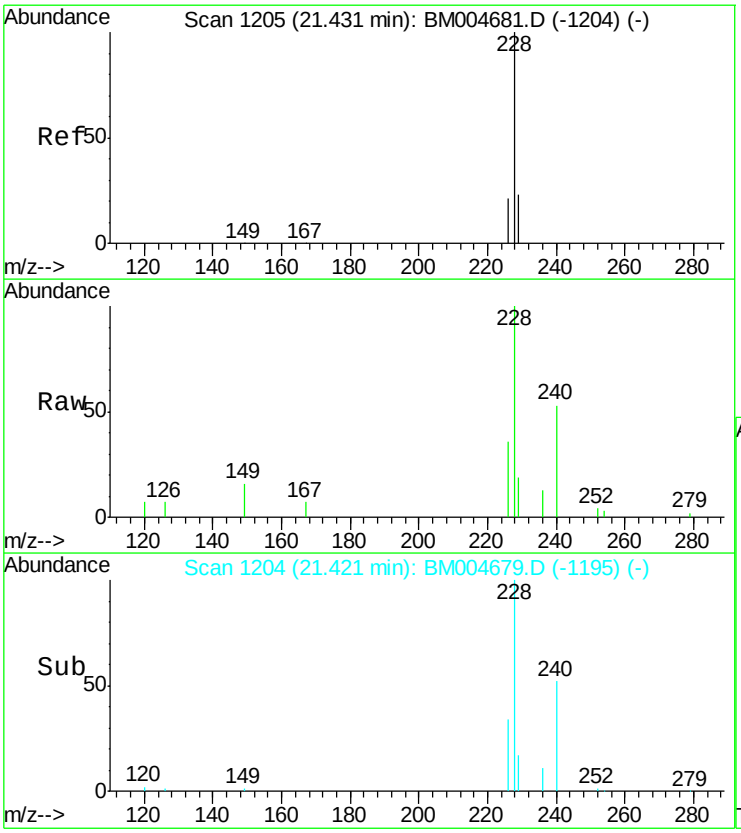
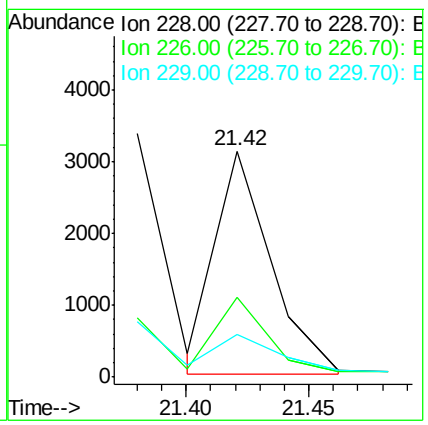
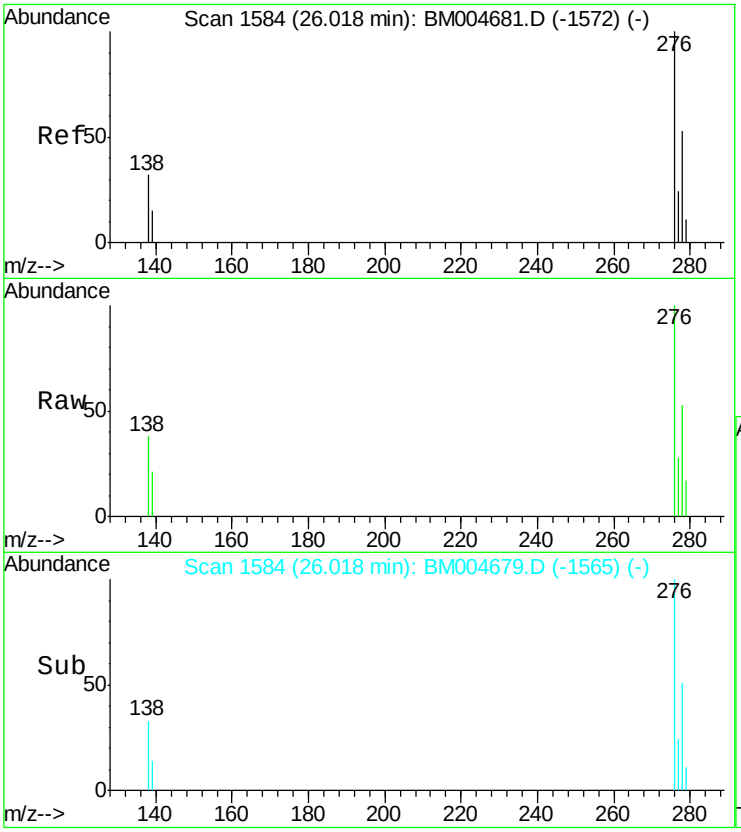


#26
Chrysene
Concen: 0.12 ng m
RT: 21.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:228 Resp: 4855

Ion	Ratio	Lower	Upper
228	100		
226	35.6	20.9	31.3#
229	19.0	17.4	26.2

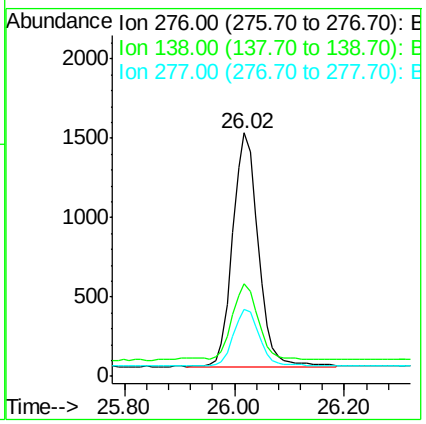




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 26.02 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:276 Resp: 4737

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.9	38.9
277	25.0	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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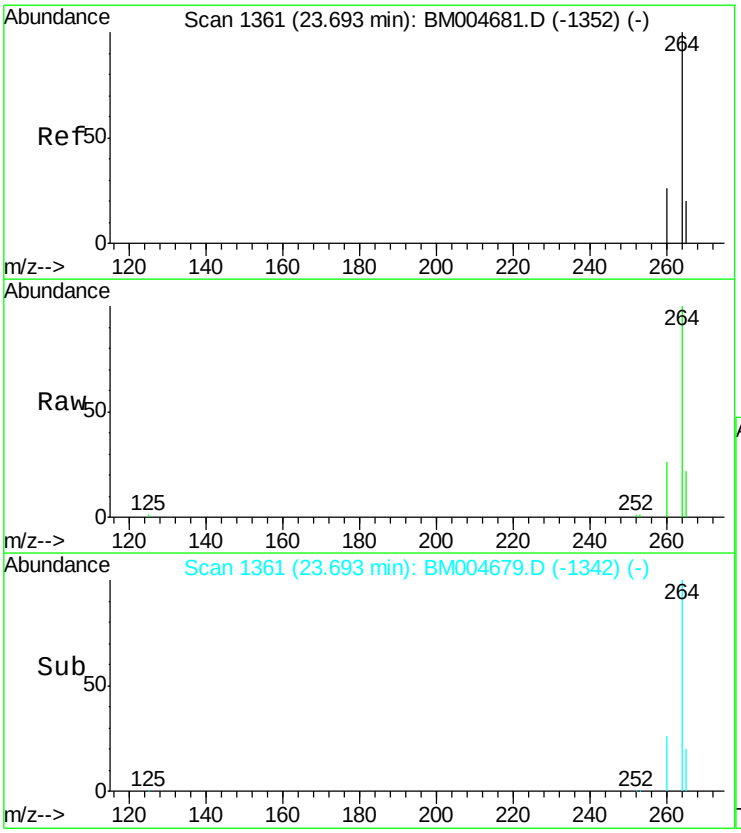
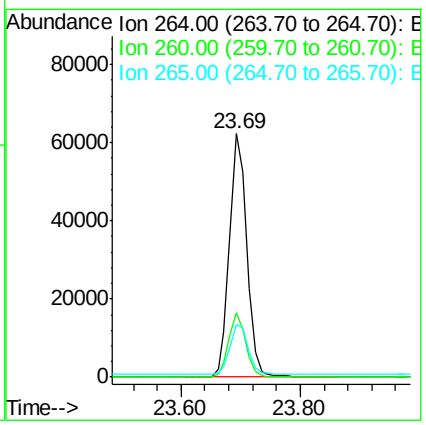
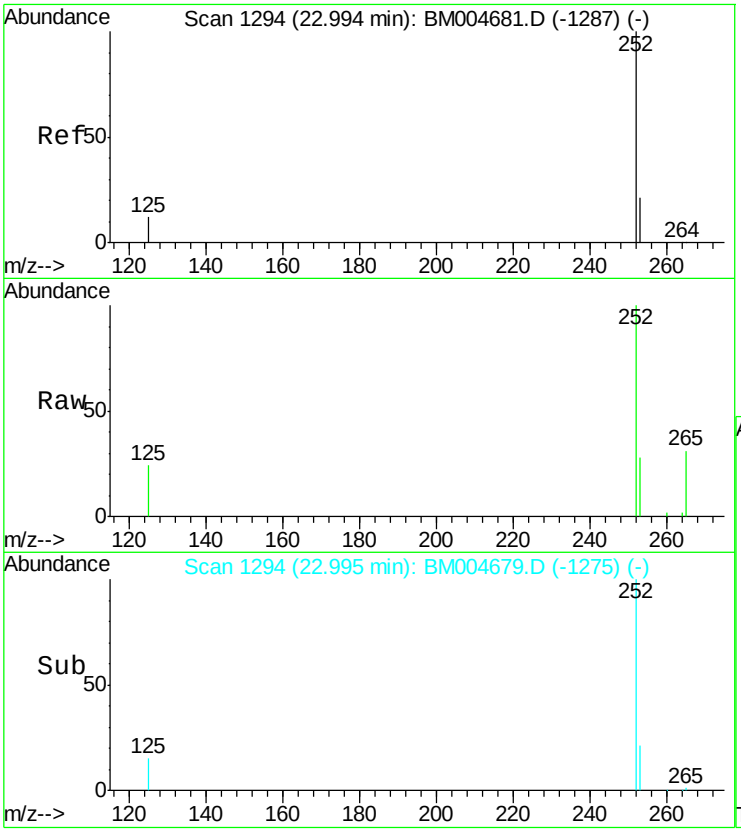


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.69 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:264 Resp: 123659

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.4
265	21.7	17.5	26.3





#29
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.99 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:252 Resp: 4544

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.9	26.9#
125	24.4	11.4	17.0#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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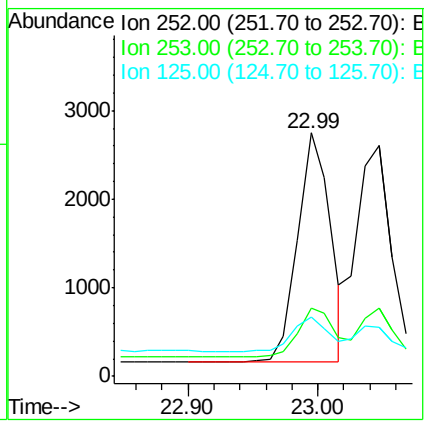
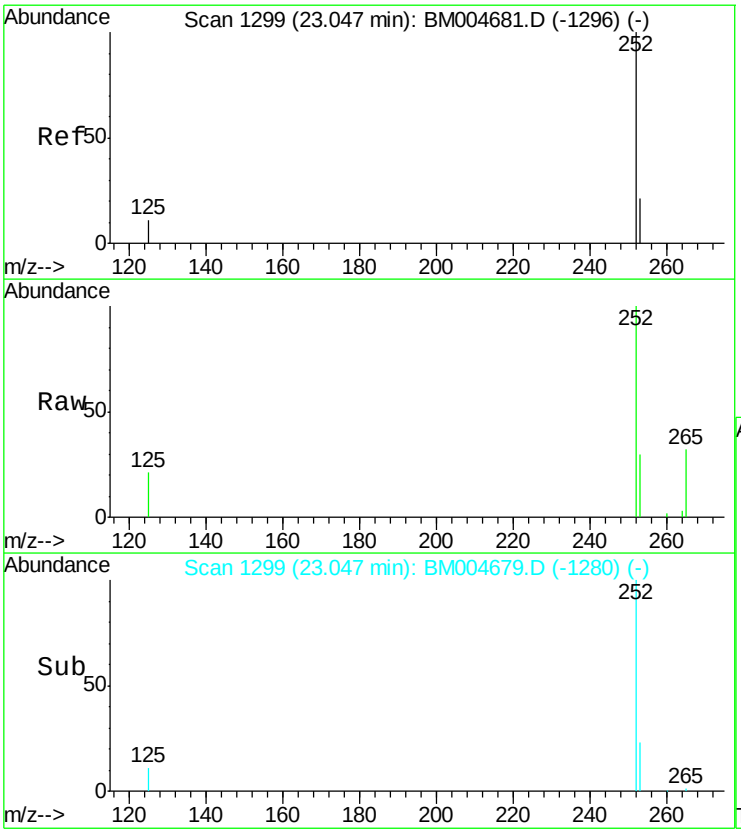
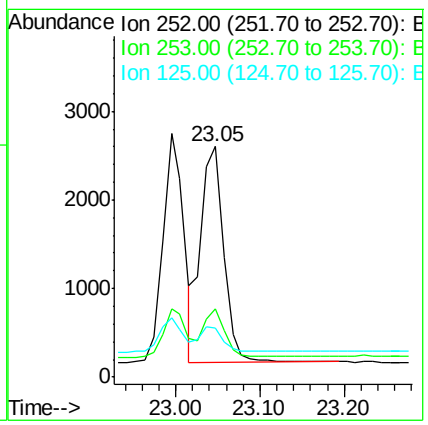


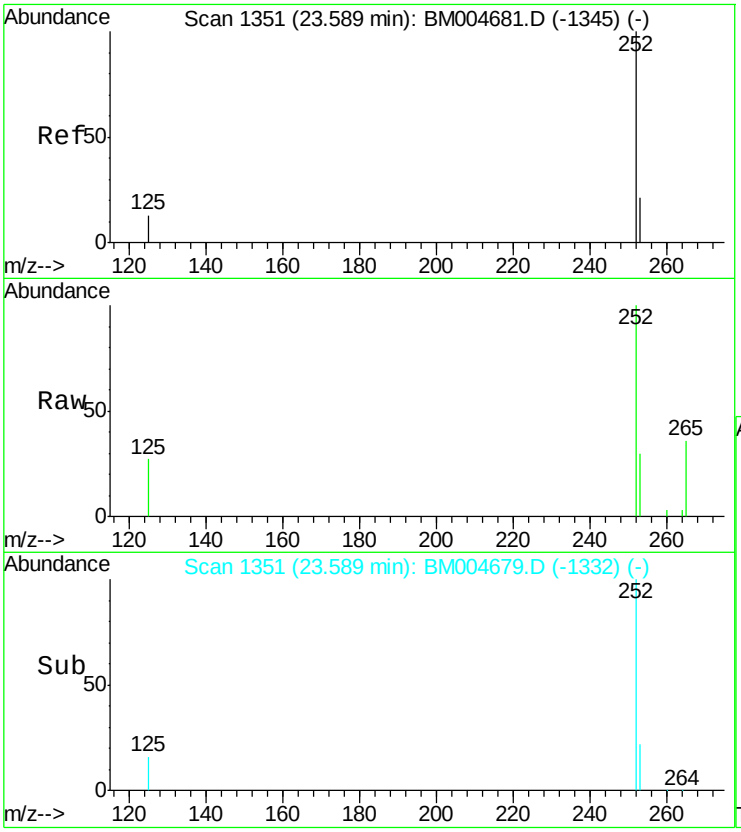


#30
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 23.05 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:252 Resp: 4582

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.3	28.9#
125	21.3	10.6	15.8#





#31
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.59 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:252 Resp: 4296

Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.6	28.0#
125	27.1	12.3	18.5#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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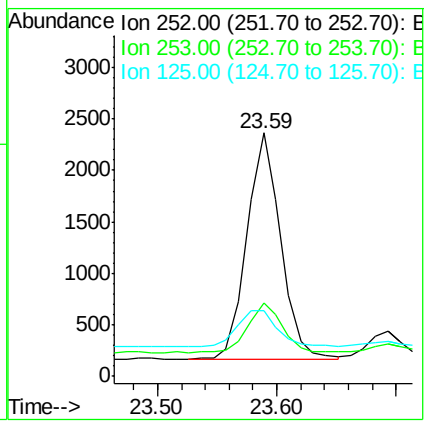
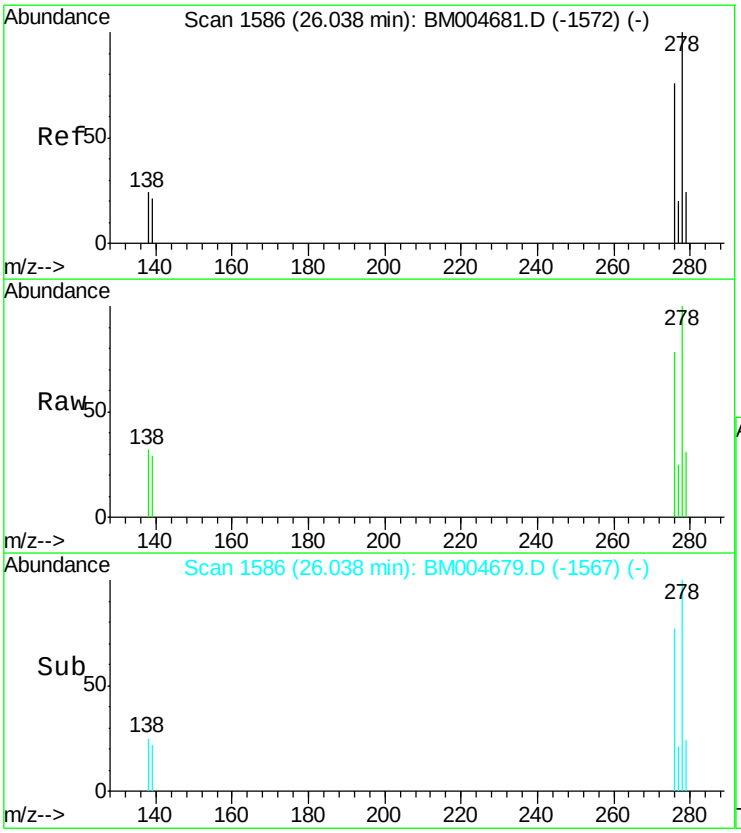
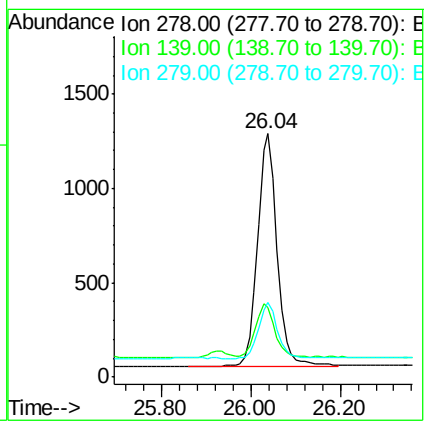


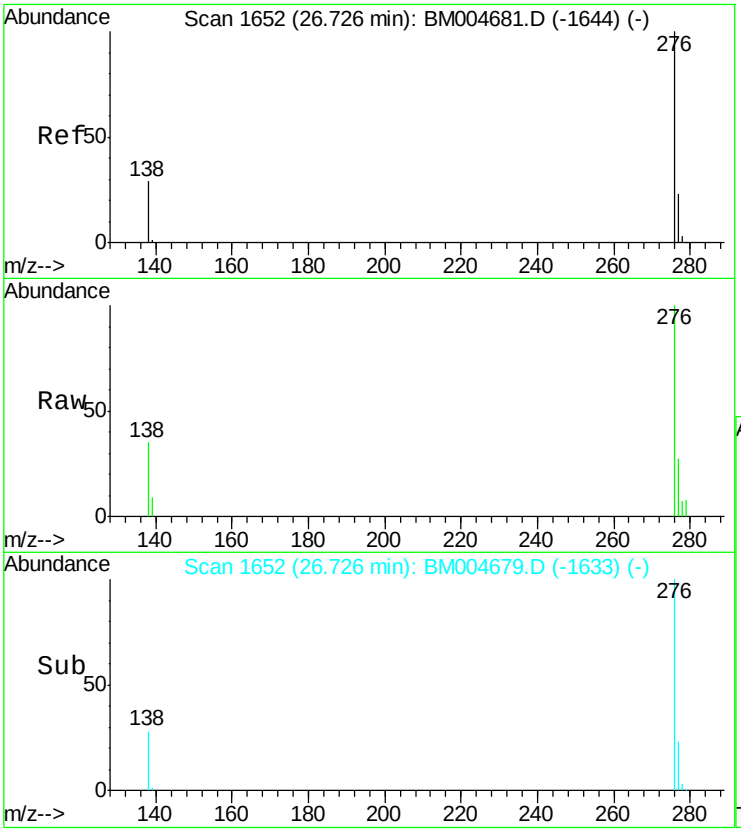


#32
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.04 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:278 Resp: 3778

Ion	Ratio	Lower	Upper
278	100		
139	28.7	17.6	26.4#
279	30.5	19.9	29.9#

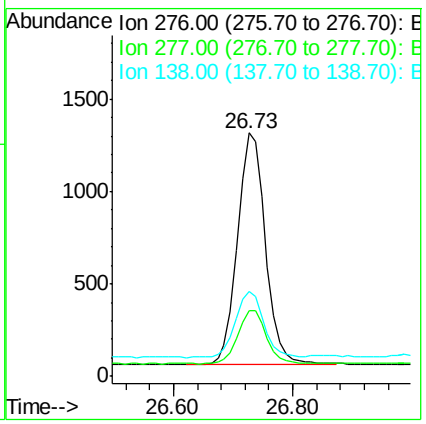




#33
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.73 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BM004679.D
Acq: 18 Mar 2016 12:53

Tgt Ion:276 Resp: 4075

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.1	28.7
138	35.1	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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