Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001603.D
Acq On : 09 Jun 2015 03:00
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Manual Integrations APPROVED
apatel
6/10/2015 1:04:28 PM

Quant Time: Jun 09 17:20:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 16:51:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	19598	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	68573	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	30421	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	40837	5.00	ng		0.03
25) Chrysene-d12	21.28	240	45823	5.00	ng		0.00
32) Perylene-d12	23.51	264	42069	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	440	0.10	ng		0.00
5) Phenol-d6	6.86	99	518	0.09	ng		0.00
7) Nitrobenzene-d5	8.85	82	450	0.09	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	94	0.08	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	1013	0.10	ng		0.00
27) Terphenyl-d14	19.72	244	605	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	276	0.13	ng	#	87
3) n-Nitrosodimethylamine	3.52	42	276	0.09	ng	#	97
8) Nitrobenzene	8.89	77	483	0.09	ng		98
9) Naphthalene	10.52	128	1582	0.10	ng	#	90
10) Hexachlorobutadiene	10.82	225	271	0.10	ng		99
11) 2-Methylnaphthalene	12.15	142	933	0.10	ng		97
15) Acenaphthylene	14.06	152	1250	0.09	ng		99
16) Acenaphthene	14.40	154	852	0.10	ng		98
17) Fluorene	15.36	166	613	0.10	ng		98
19) 4-Bromophenyl-phenylether	16.27	248	351	0.09	ng		95
20) Hexachlorobenzene	16.38	284	210	0.09	ng	#	76
21) Pentachlorophenol	16.75	266	55	0.08	ng	#	78
22) Phenanthrene	17.12	178	1467m	0.10	ng		
23) Anthracene	17.19	178	844m	0.09	ng		
24) Fluoranthene	19.15	202	1440	0.09	ng		98
26) Pyrene	19.52	202	1483	0.10	ng		100
28) Benzo(a)anthracene	21.25	228	1448	0.11	ng	#	94
29) Chrysene	21.31	228	1341	0.11	ng		92
30) Bis(2-ethylhexyl)phthalate	21.19	149	816	0.11	ng	#	95
31) Indeno(1,2,3-cd)pyrene	25.76	276	1384	0.11	ng		99
33) Benzo(b)fluoranthene	22.83	252	1267	0.10	ng	#	76
34) Benzo(k)fluoranthene	22.88	252	1234	0.10	ng	#	73
35) Benzo(a)pyrene	23.41	252	1120	0.10	ng	#	68
36) Dibenzo(a,h)anthracene	25.78	278	1064	0.10	ng	#	75
37) Benzo(g,h,i)perylene	26.46	276	1180	0.11	ng	#	81

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001603.D
Acq On : 09 Jun 2015 03:00
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 09 17:20:17 2015
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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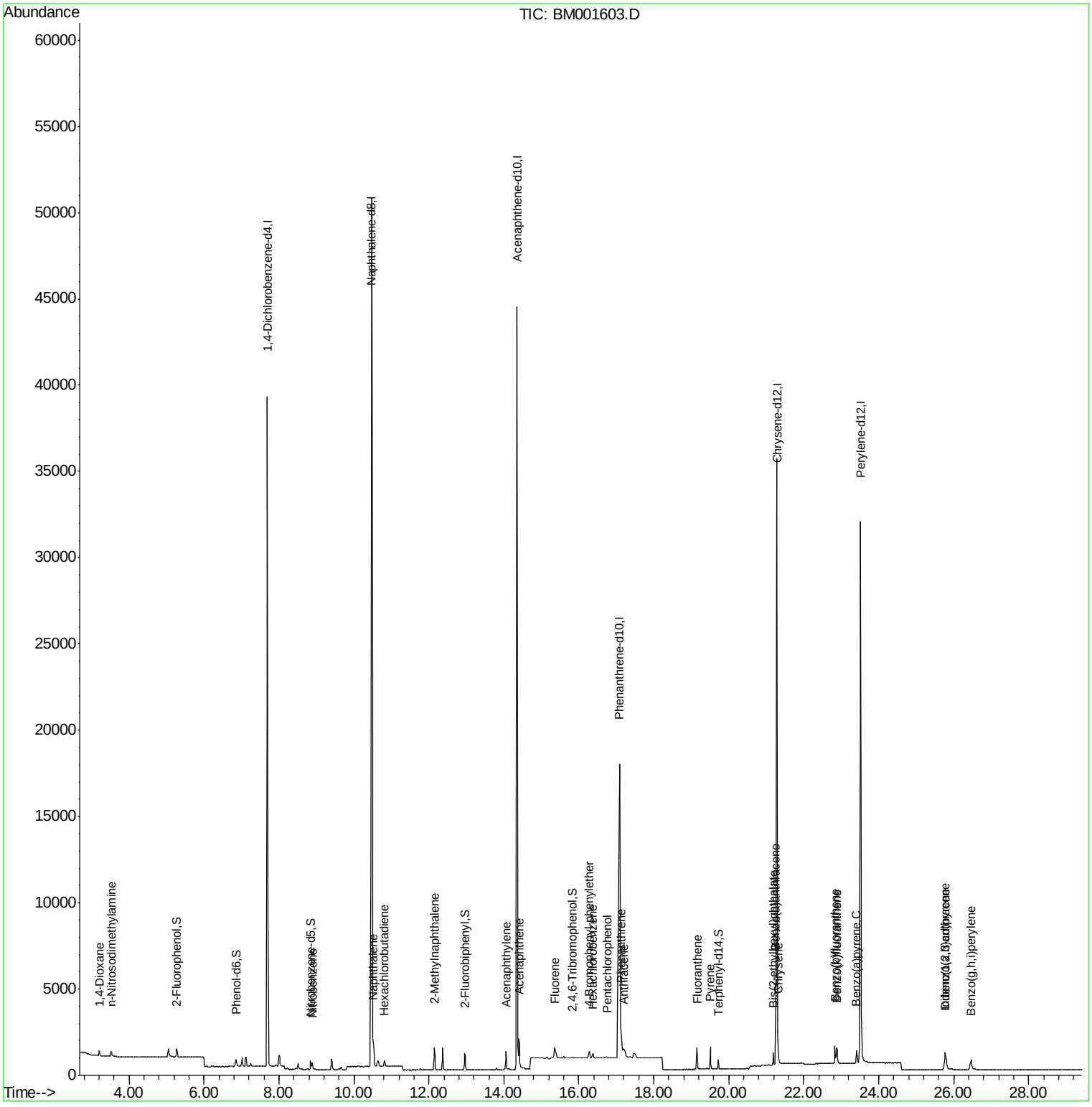
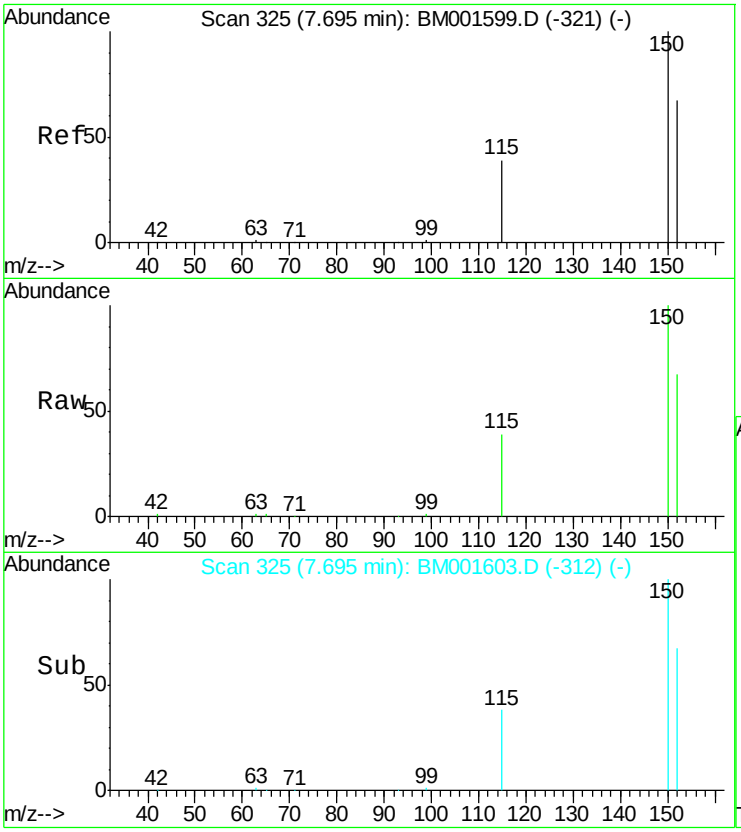
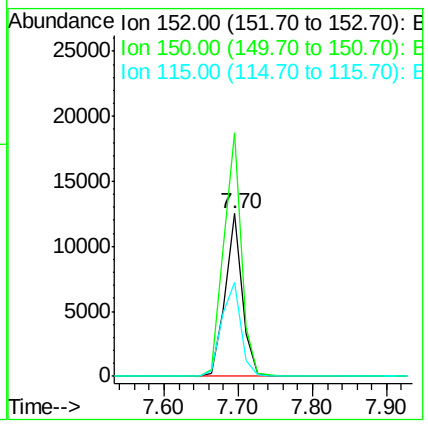




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:152 Resp: 19598

Ion	Ratio	Lower	Upper
152	100		
150	149.6	120.1	180.1
115	57.9	47.0	70.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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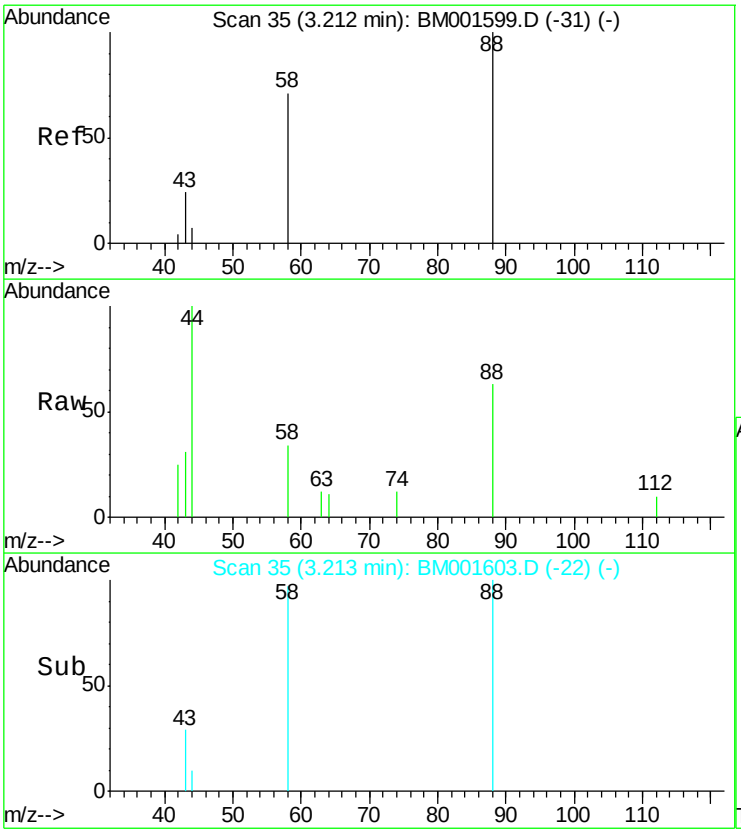
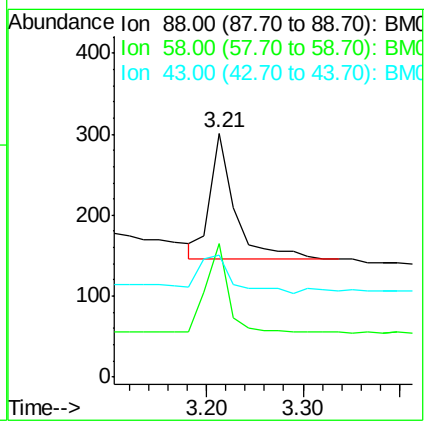
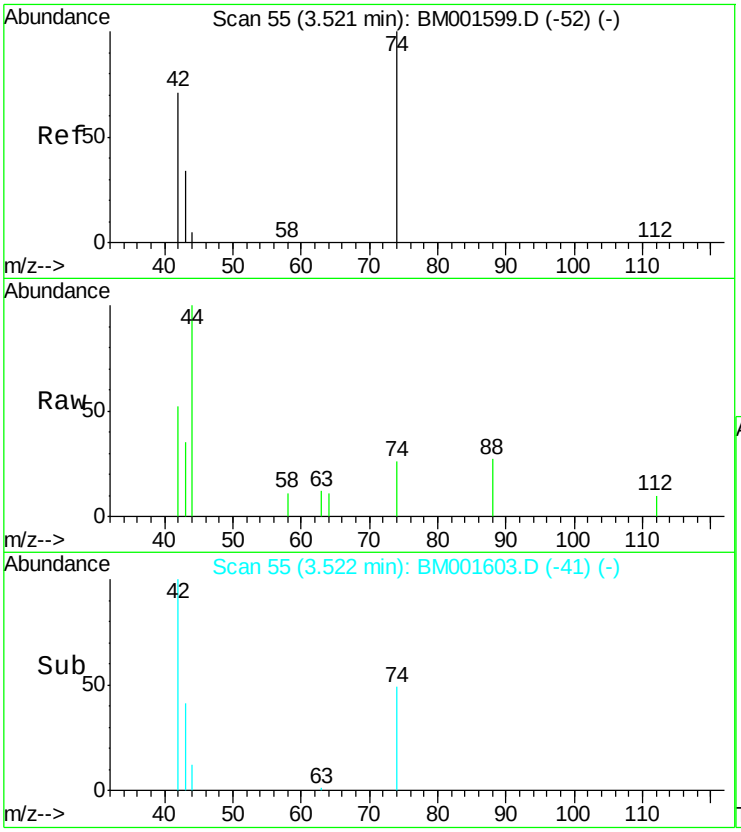


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion: 88 Resp: 276

Ion	Ratio	Lower	Upper
88	100		
58	64.9	65.5	98.3#
43	40.9	32.2	48.2

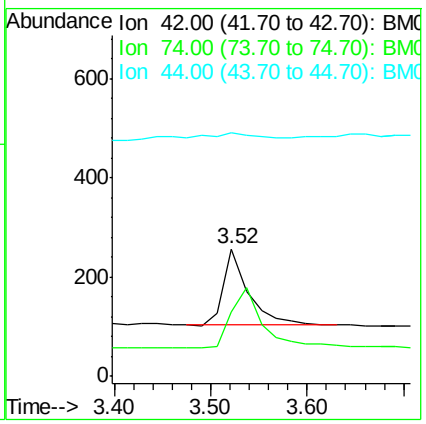




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion: 42 Resp: 276

Ion	Ratio	Lower	Upper
42	100		
74	101.8	79.5	119.3
44	12.3	5.7	8.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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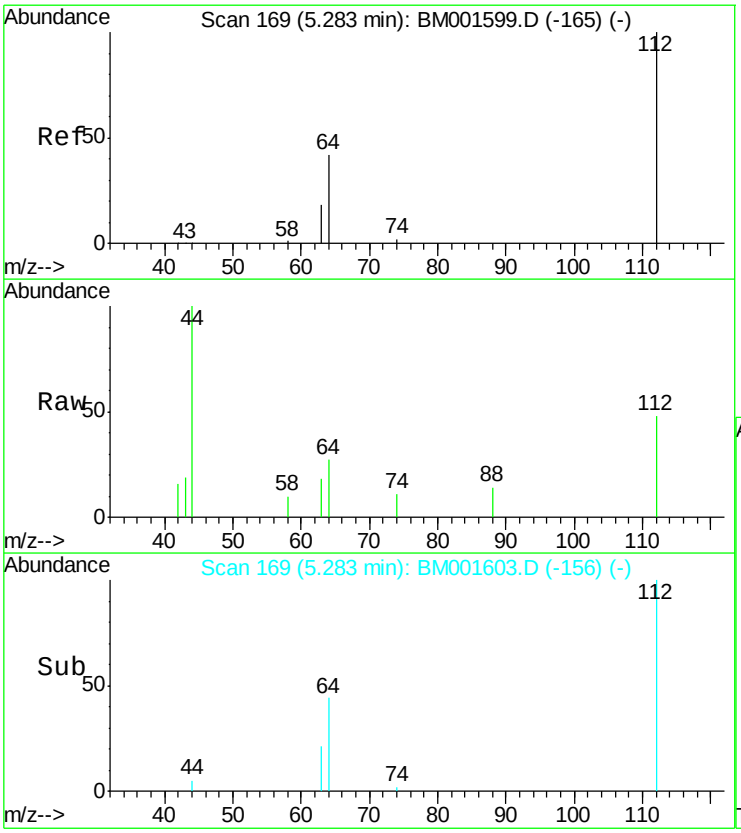
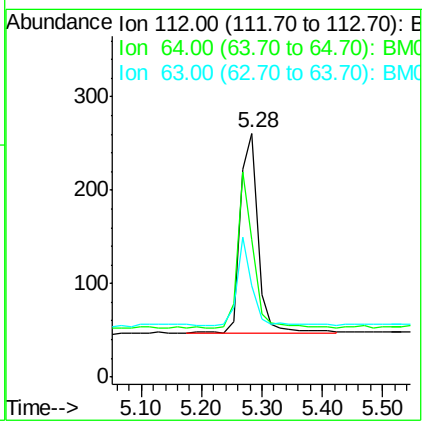
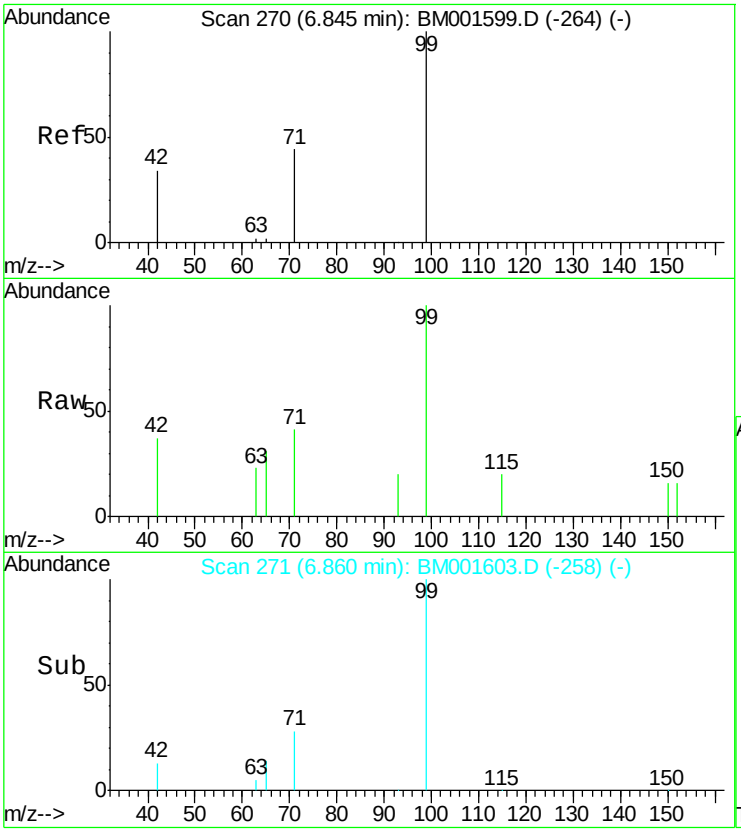


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:112 Resp: 440

Ion	Ratio	Lower	Upper
112	100		
64	66.6	54.8	82.2
63	36.4	30.5	45.7

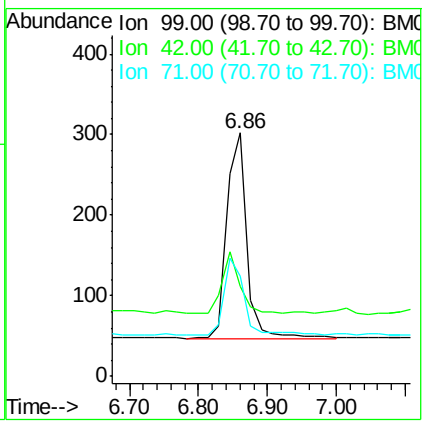




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.86 min Scan# 271
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion: 99 Resp: 518

Ion	Ratio	Lower	Upper
99	100		
42	25.1	21.6	32.4
71	35.7	28.7	43.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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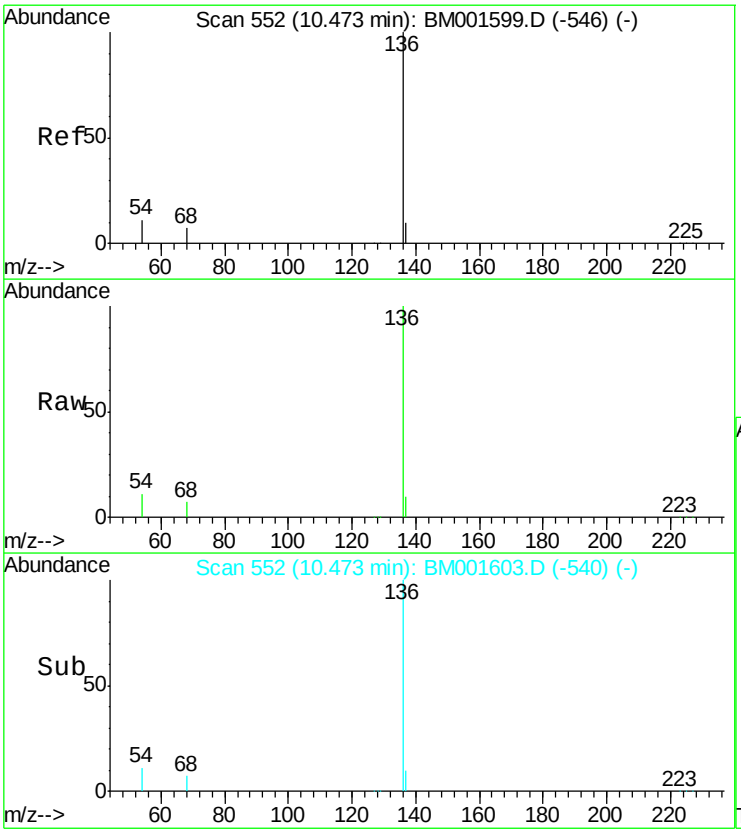
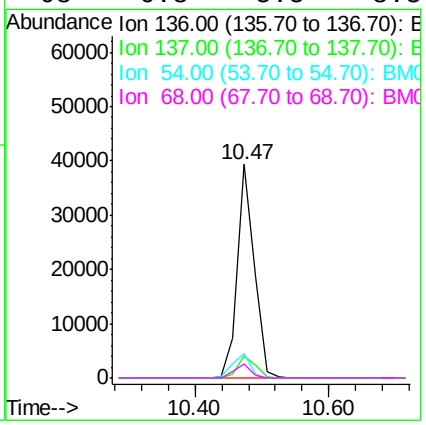
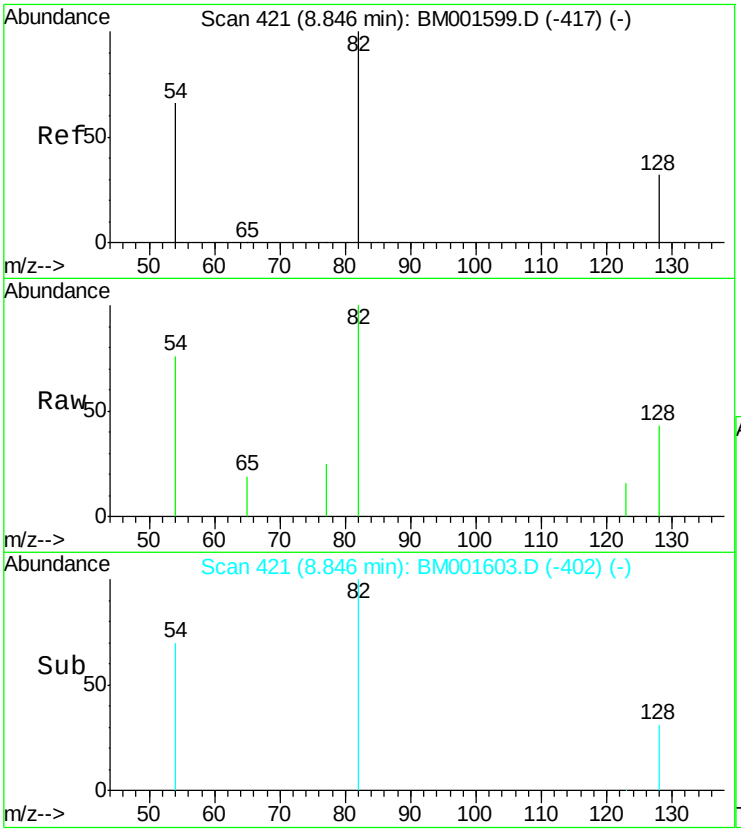


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:136 Resp: 68573

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	11.3	9.2	13.8
68	6.8	5.5	8.3

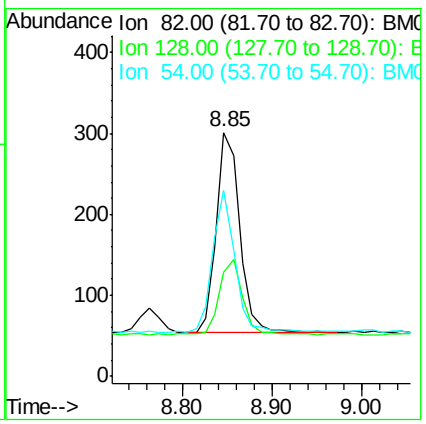




#7
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion: 82 Resp: 450

Ion	Ratio	Lower	Upper
82	100		
128	42.5	26.6	40.0#
54	76.1	53.0	79.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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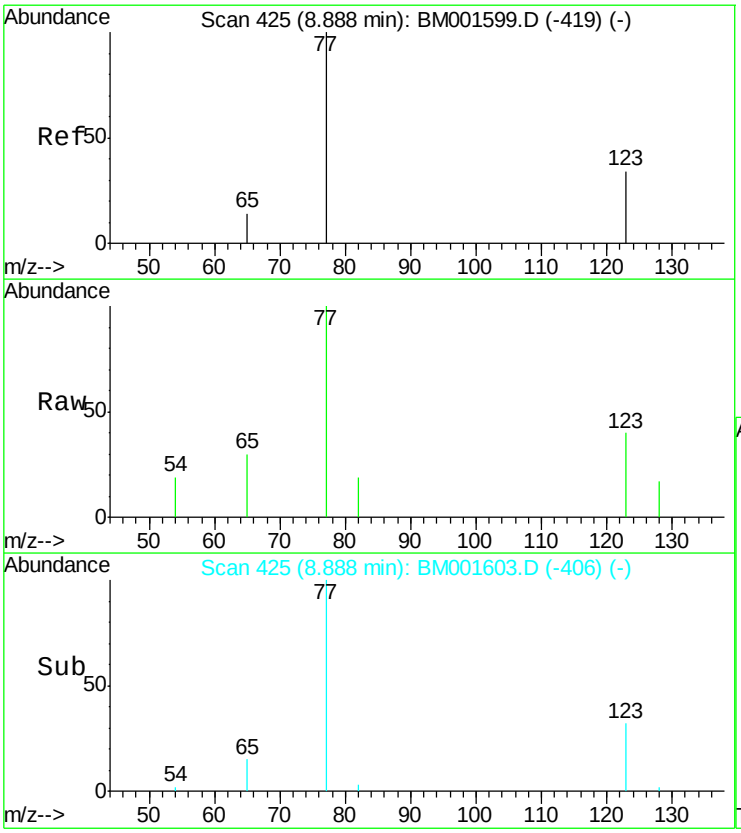
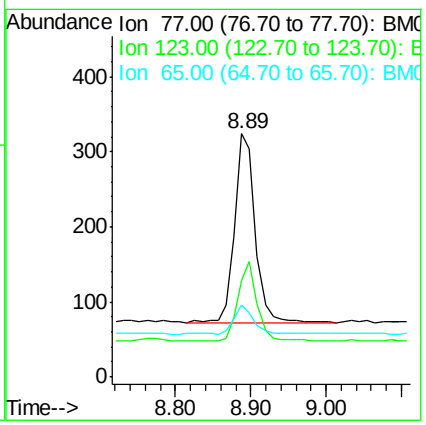
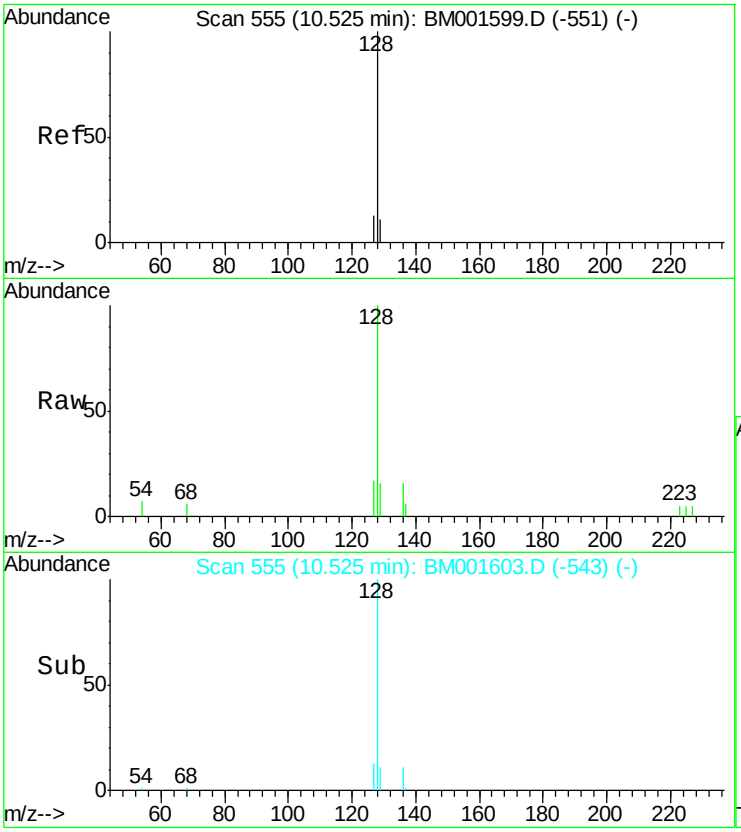


#8
Nitrobenzene
Concen: 0.09 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion: 77 Resp: 483

Ion	Ratio	Lower	Upper
77	100		
123	37.7	31.0	46.6
65	13.0	11.4	17.0

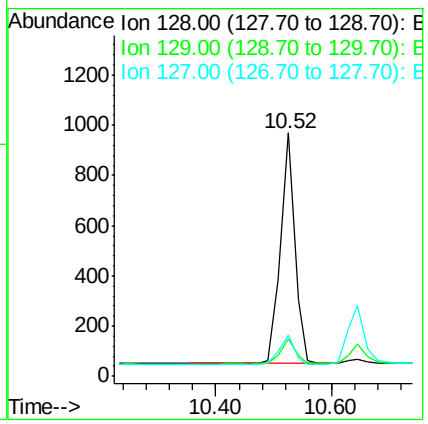




#9
Naphthalene
Concen: 0.10 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:128 Resp: 1582

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.1	13.7#
127	16.8	10.4	15.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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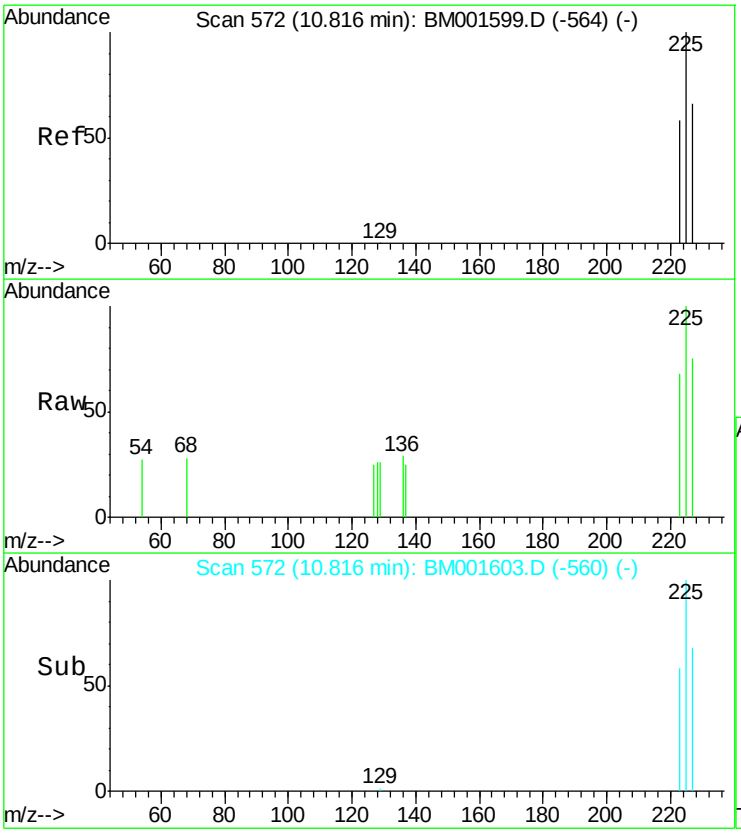
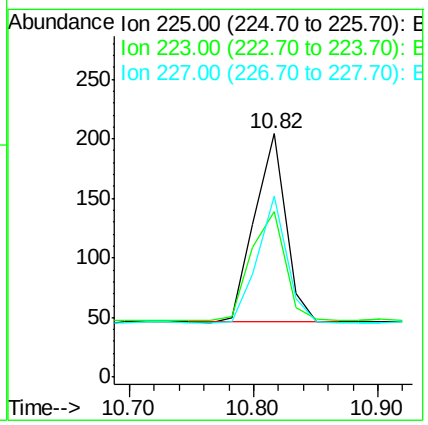
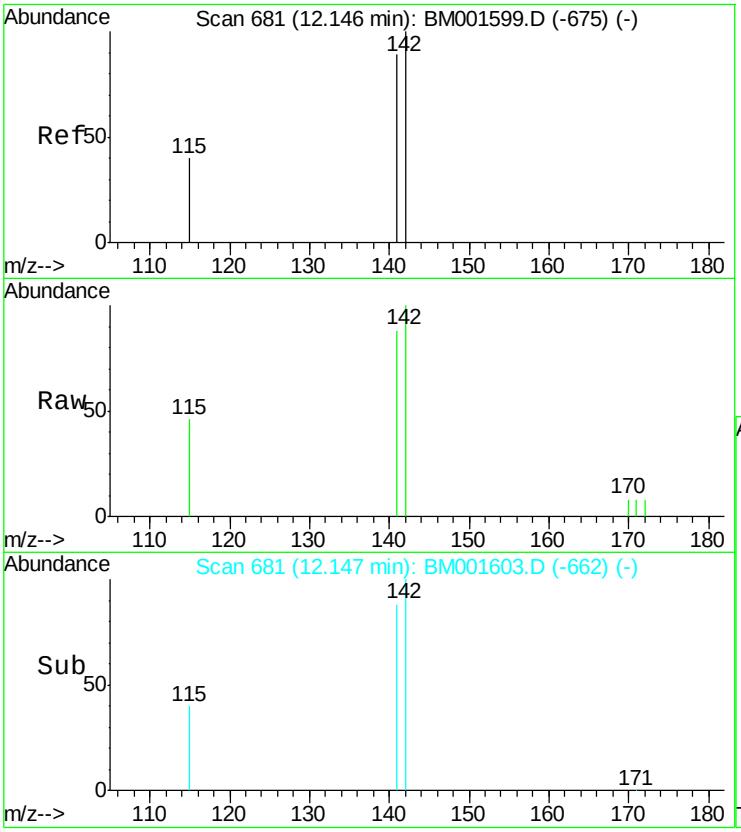


#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:225 Resp: 271

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	63.8	50.9	76.3

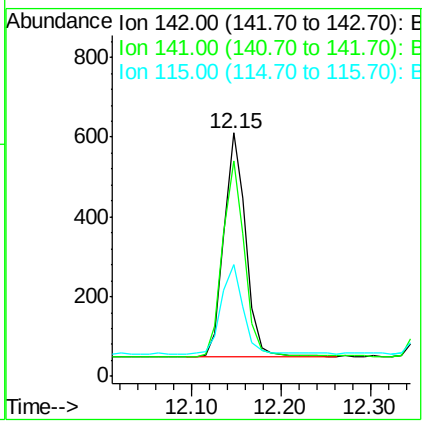




#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:142 Resp: 933

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	45.7	32.1	48.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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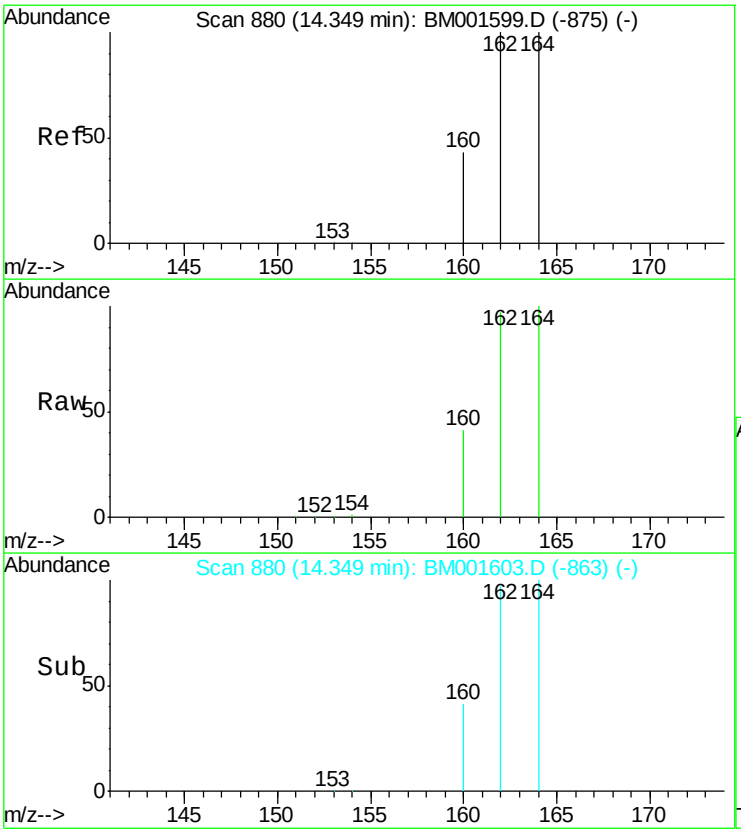
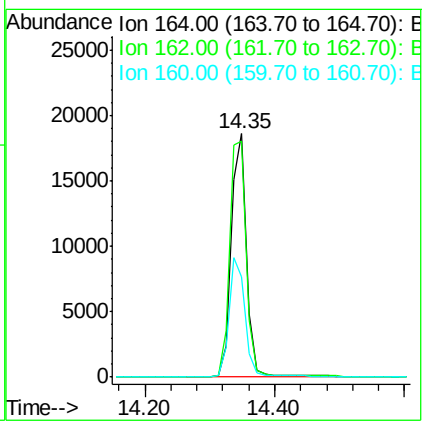
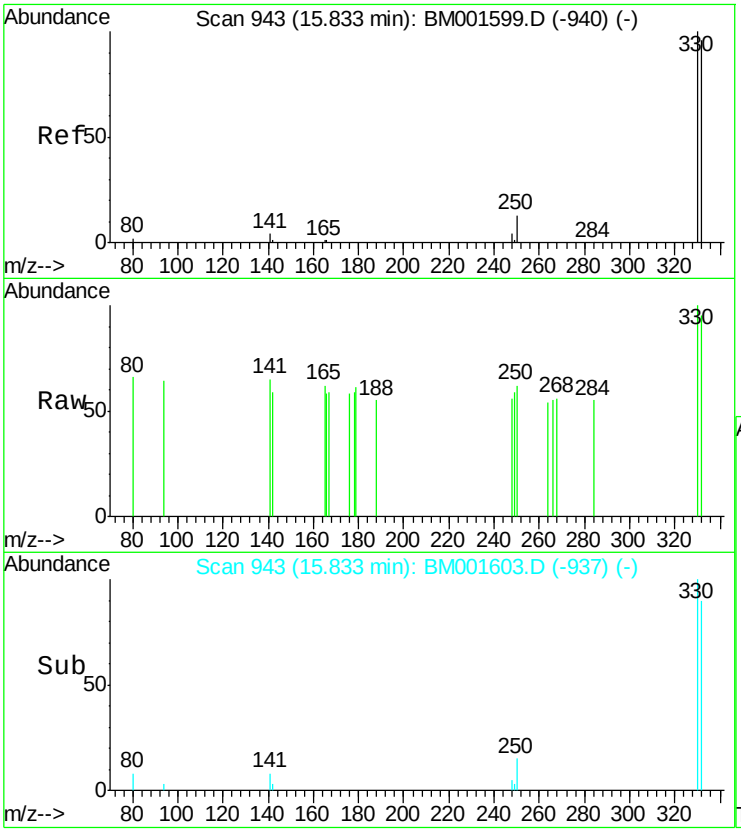


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:164 Resp: 30421

Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.8	119.6
160	41.0	34.6	51.8

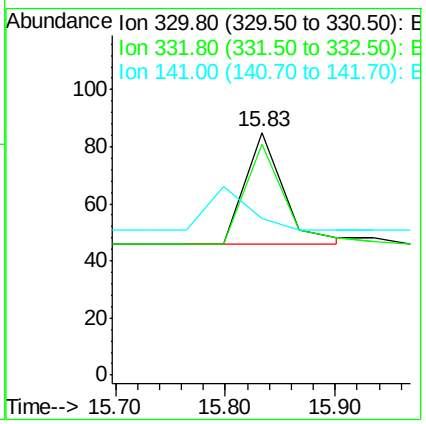




#13
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:330 Resp: 94

Ion	Ratio	Lower	Upper
330	100		
332	91.5	76.7	115.1
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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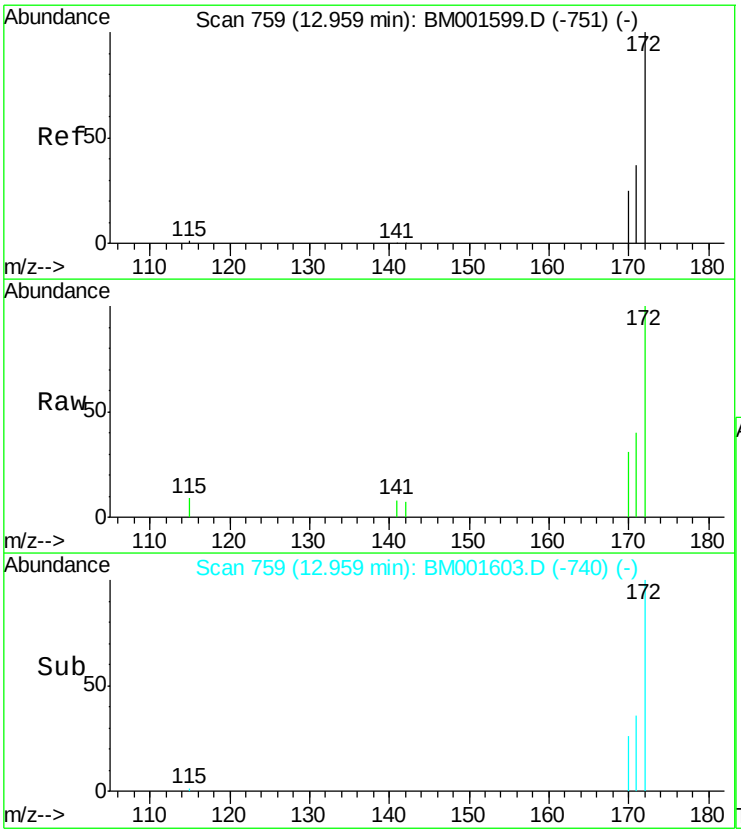
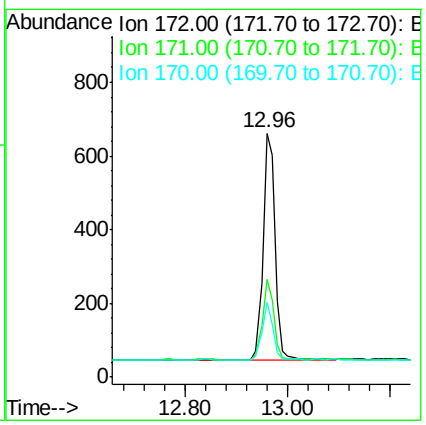
6/10/2015 1:04:28 PM

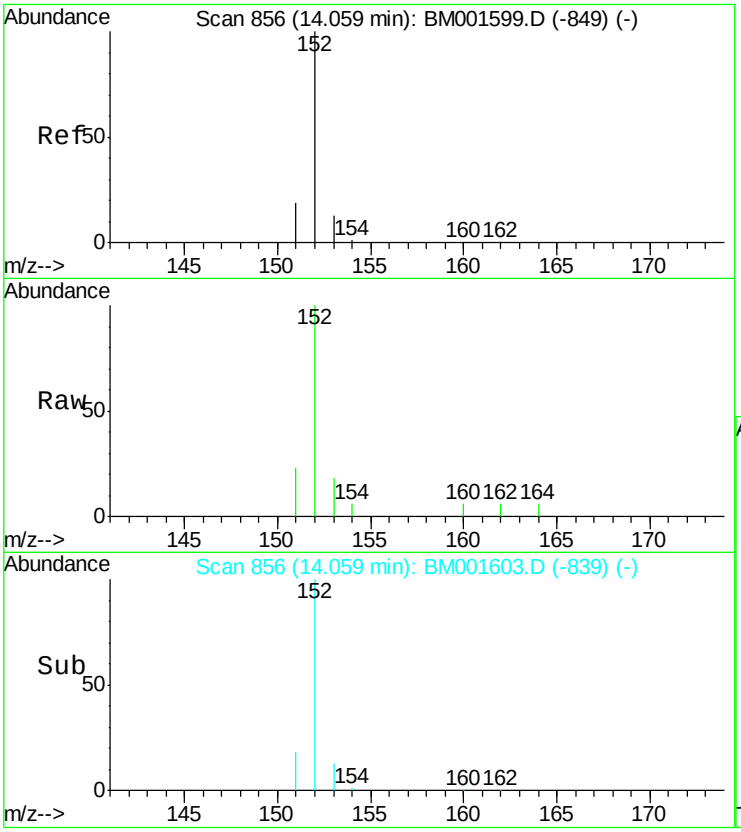


#14
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:172 Resp: 1013

Ion	Ratio	Lower	Upper
172	100		
171	40.2	29.6	44.4
170	30.9	20.6	31.0

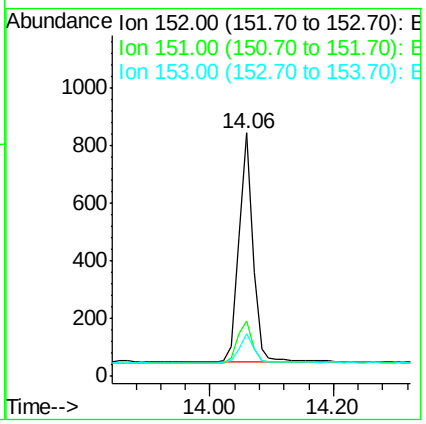




#15
Acenaphthylene
Concen: 0.09 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:152 Resp: 1250

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.6	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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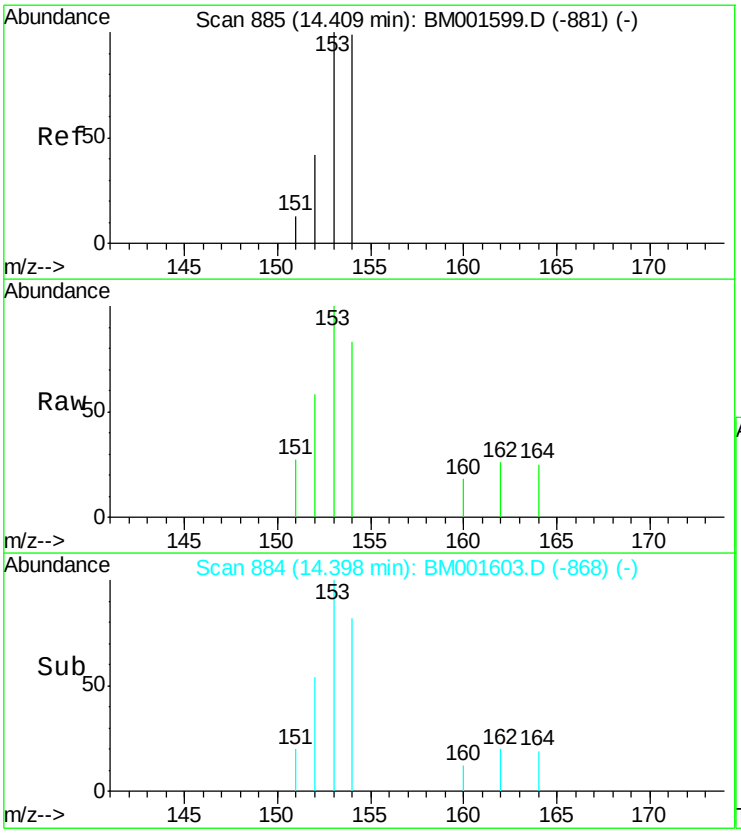
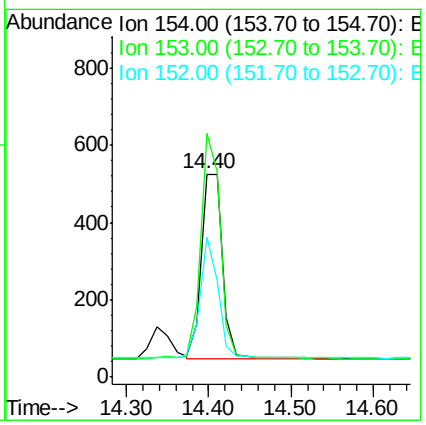
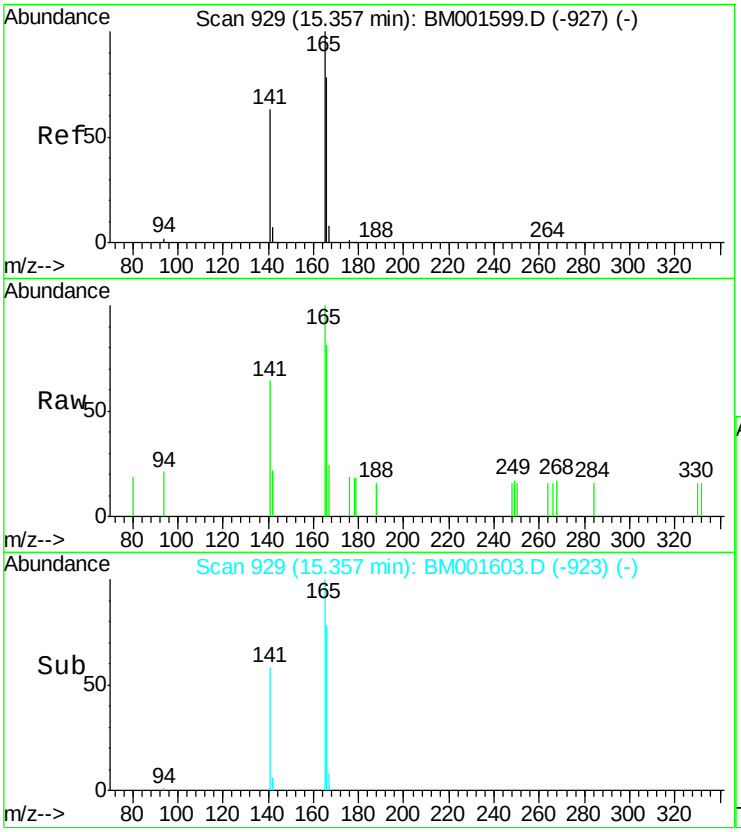


#16
Acenaphthene
Concen: 0.10 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:154 Resp: 852

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.4	134.0
152	55.6	43.6	65.4

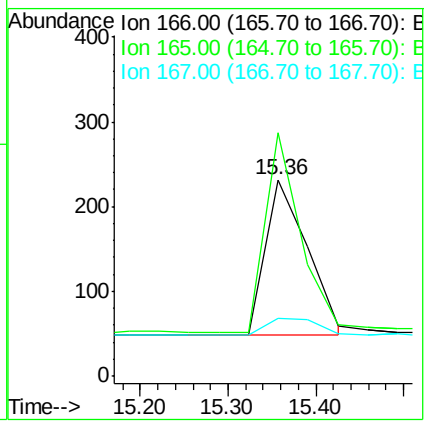




#17
Fluorene
Concen: 0.10 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:166 Resp: 613

Ion	Ratio	Lower	Upper
166	100		
165	107.3	87.8	131.8
167	14.0	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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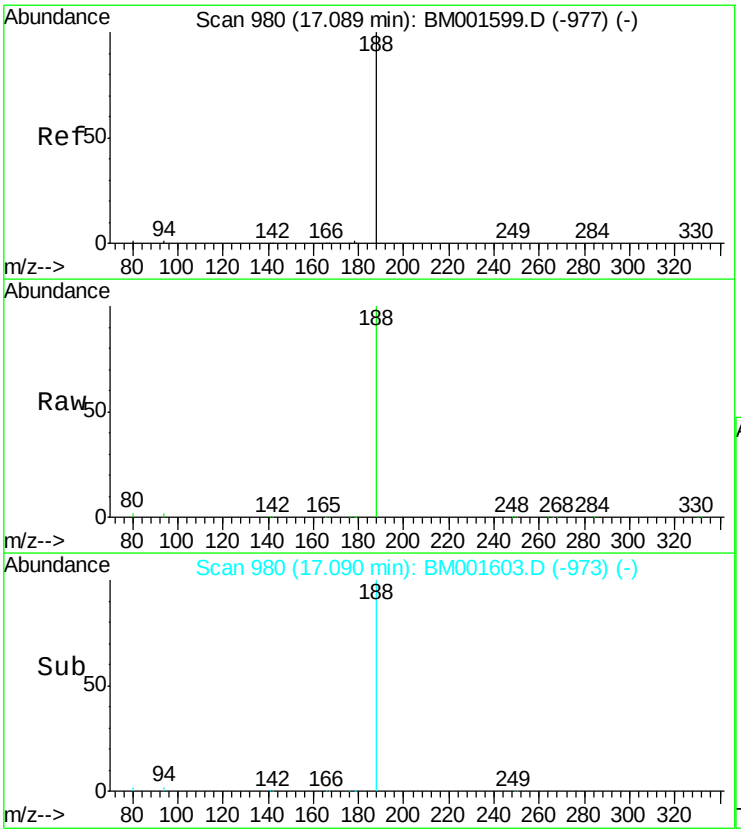
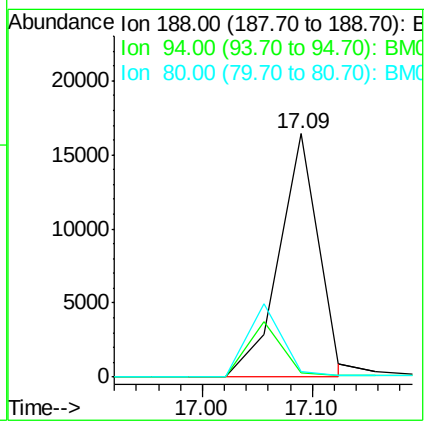
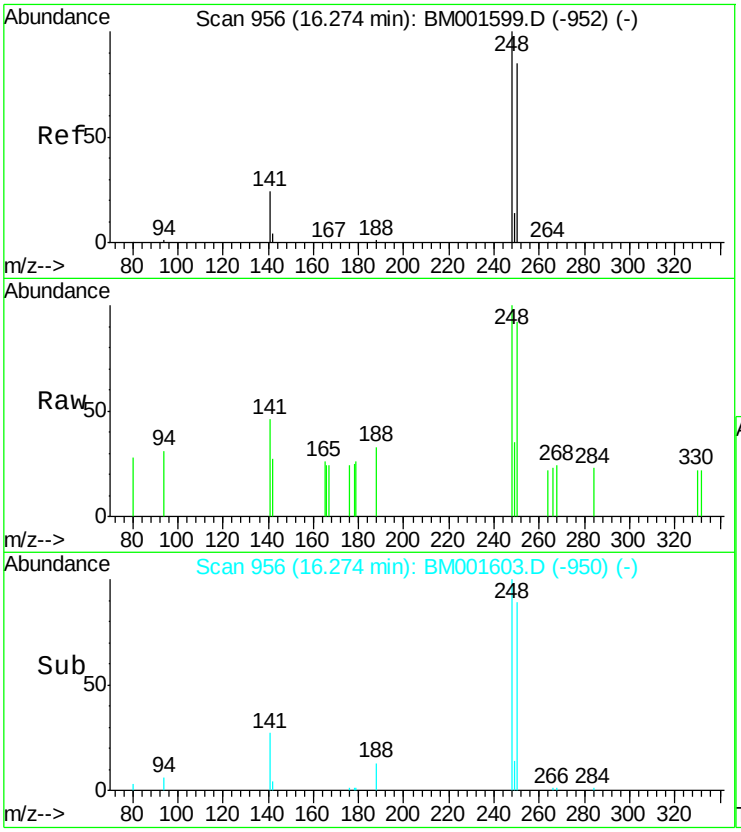


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.03 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:188 Resp: 40837

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

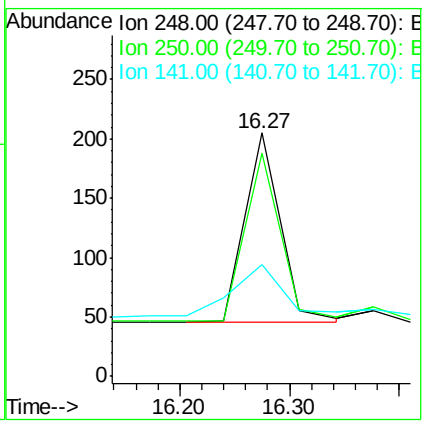




#19
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:248 Resp: 351

Ion	Ratio	Lower	Upper
248	100		
250	88.9	68.6	103.0
141	37.6	25.5	38.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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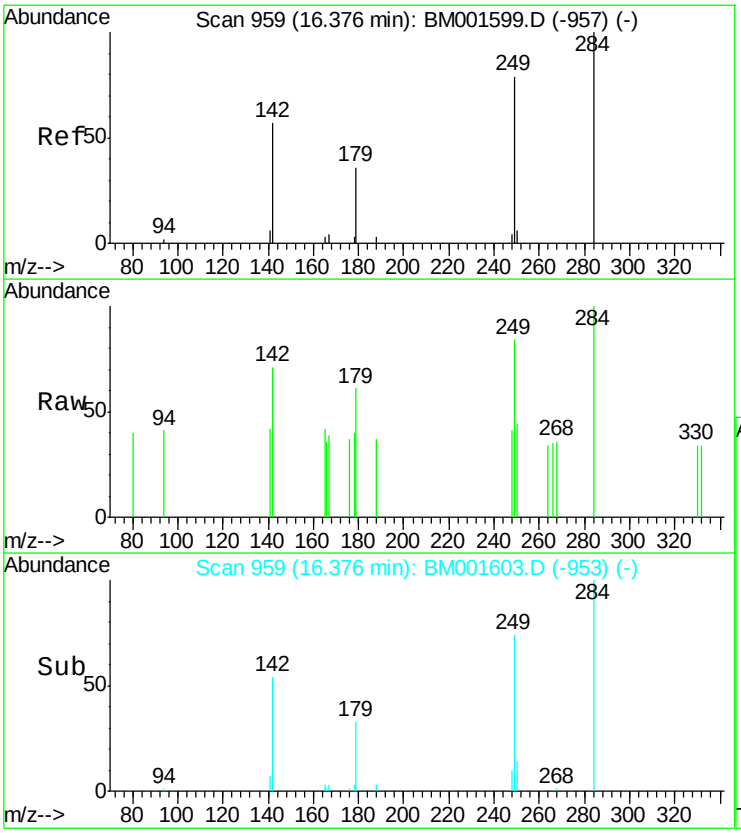
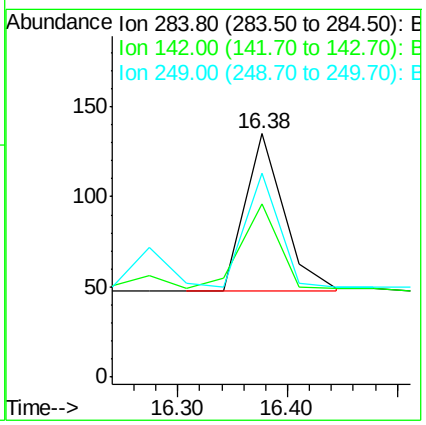
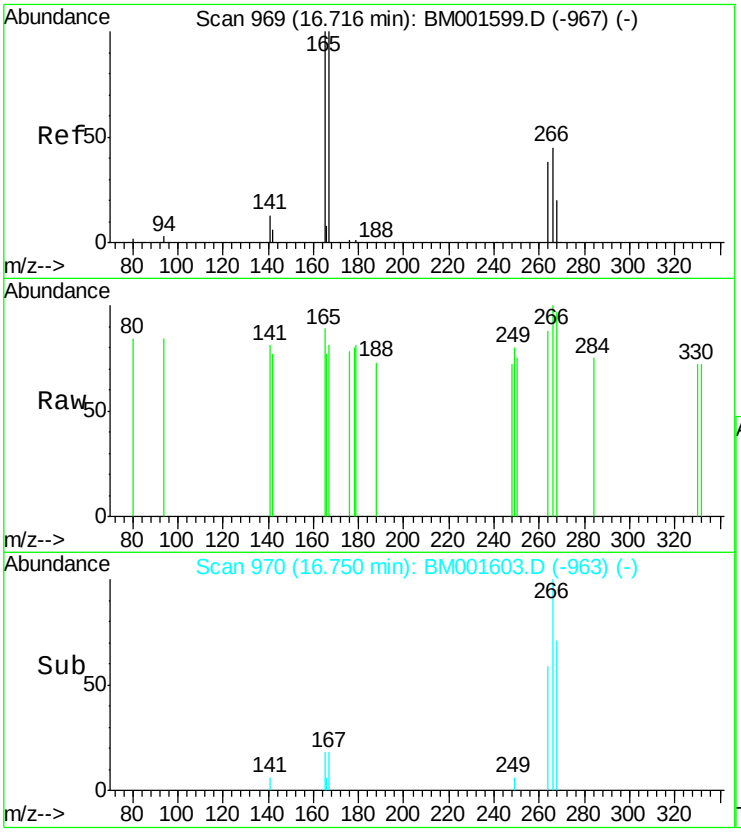


#20
Hexachlorobenzene
Concen: 0.09 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:284 Resp: 210

Ion	Ratio	Lower	Upper
284	100		
142	52.4	47.3	70.9
249	62.9	75.8	113.6#

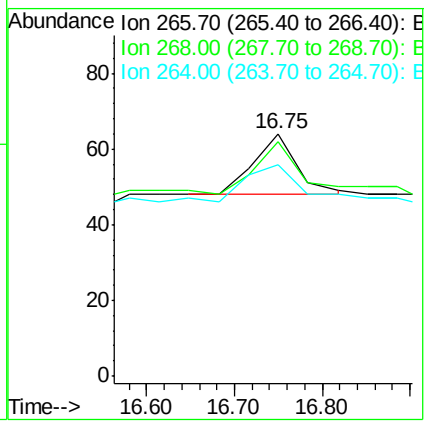




#21
Pentachlorophenol
Concen: 0.08 ng
RT: 16.75 min Scan# 970
Delta R.T. 0.03 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:266 Resp: 55

Ion	Ratio	Lower	Upper
266	100		
268	96.9	45.8	68.8#
264	87.5	70.6	106.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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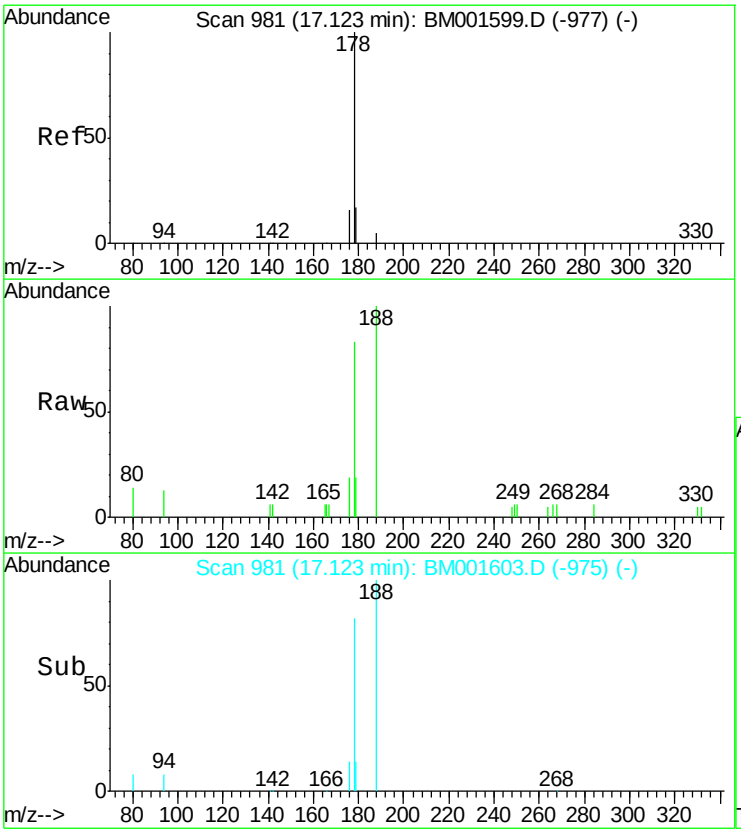
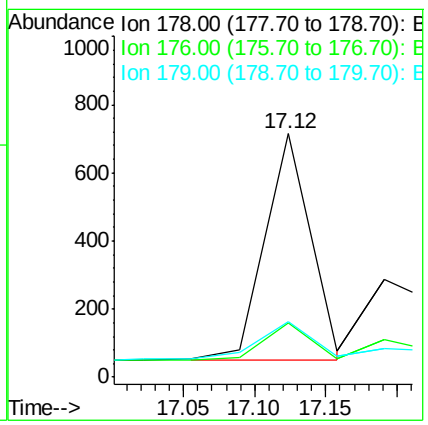
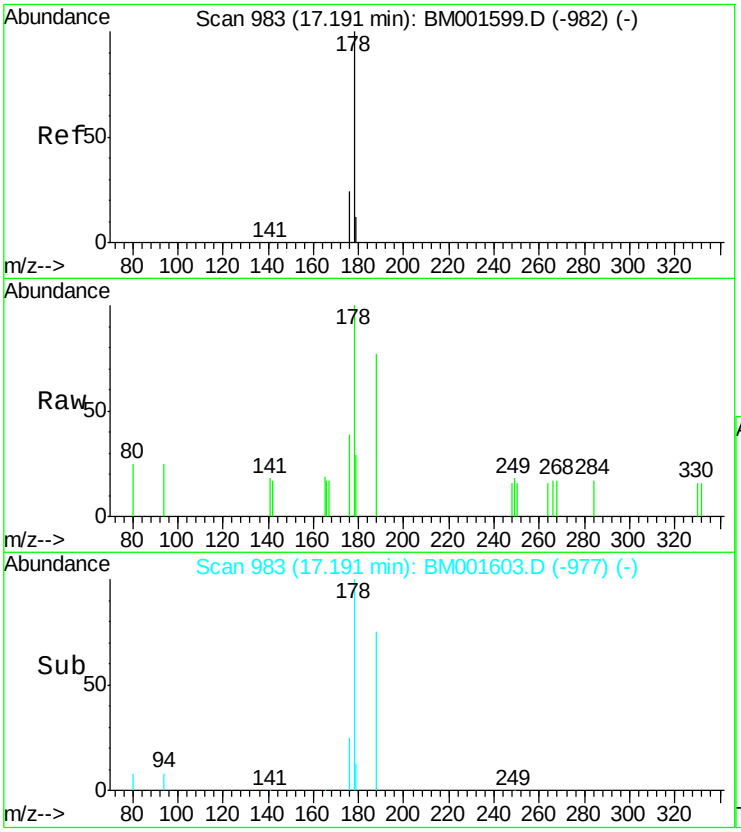


#22
Phenanthrene
Concen: 0.10 ng m
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:178 Resp: 1467

Ion	Ratio	Lower	Upper
178	100		
176	29.7	13.2	19.8#
179	23.9	13.8	20.8#





#23
Anthracene
Concen: 0.09 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:178 Resp: 844

Ion	Ratio	Lower	Upper
178	100		
176	48.3	21.9	32.9#
179	42.8	23.0	34.4#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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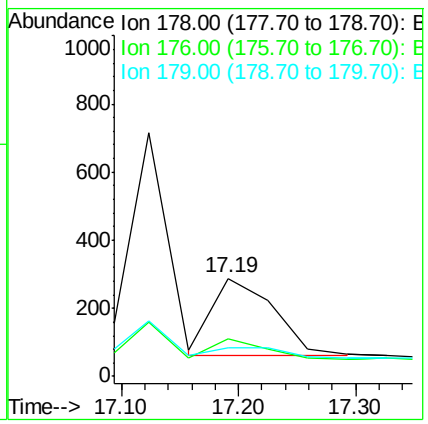
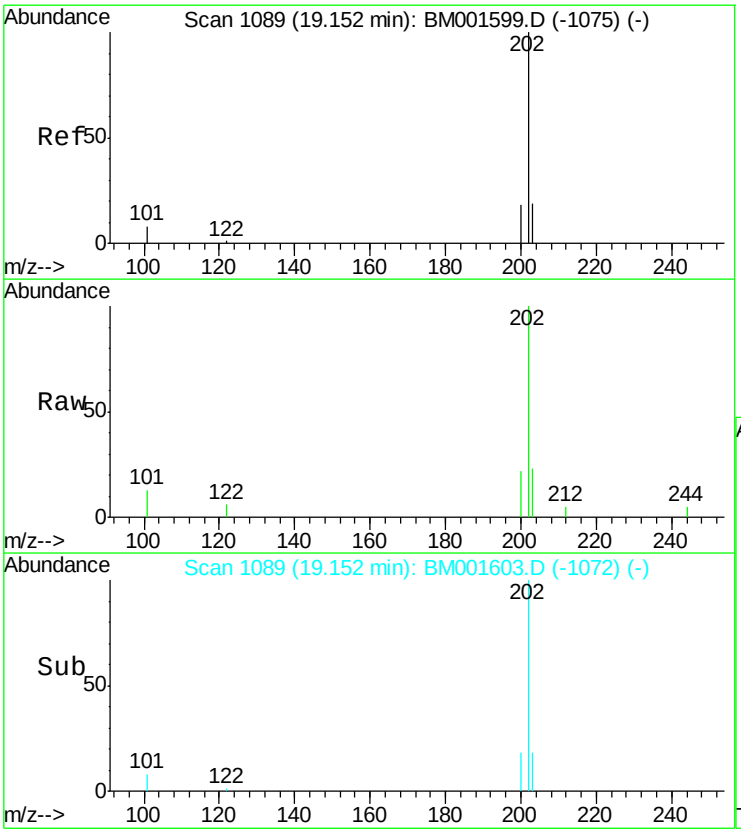
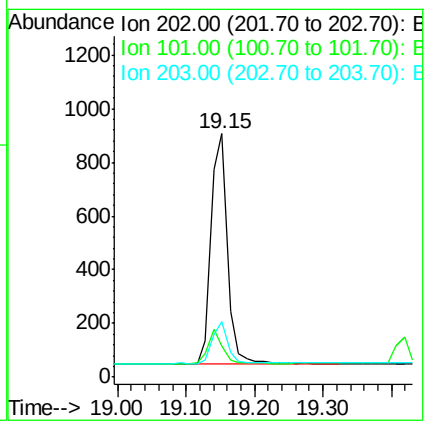


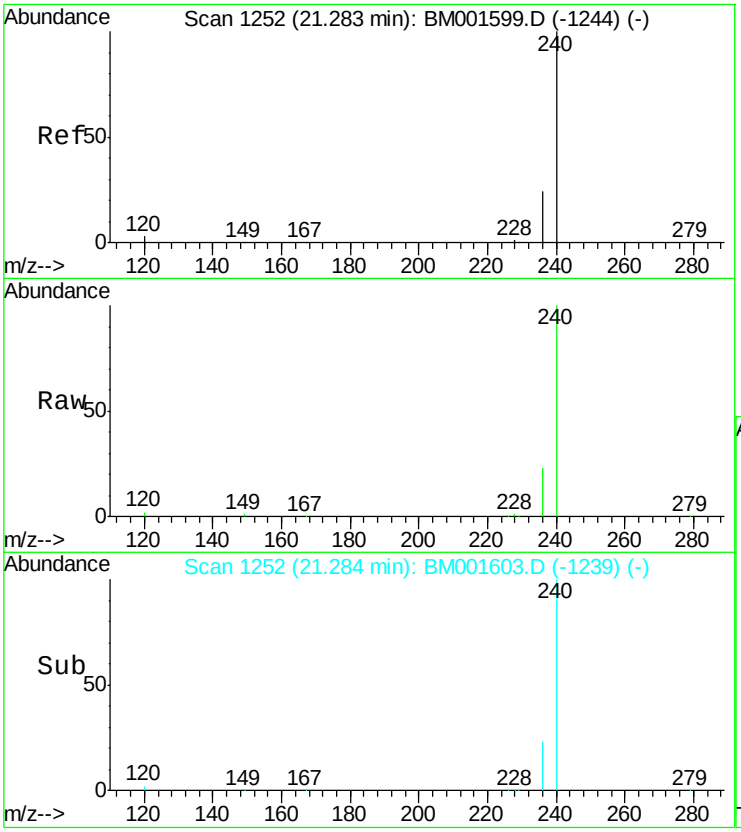


#24
Fluoranthene
Concen: 0.09 ng
RT: 19.15 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:202 Resp: 1440

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.4	15.6
203	17.9	13.8	20.6

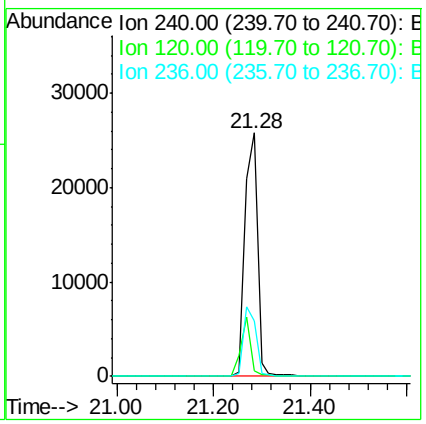




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:240 Resp: 45823

Ion	Ratio	Lower	Upper
240	100		
120	2.4	2.2	3.4
236	23.0	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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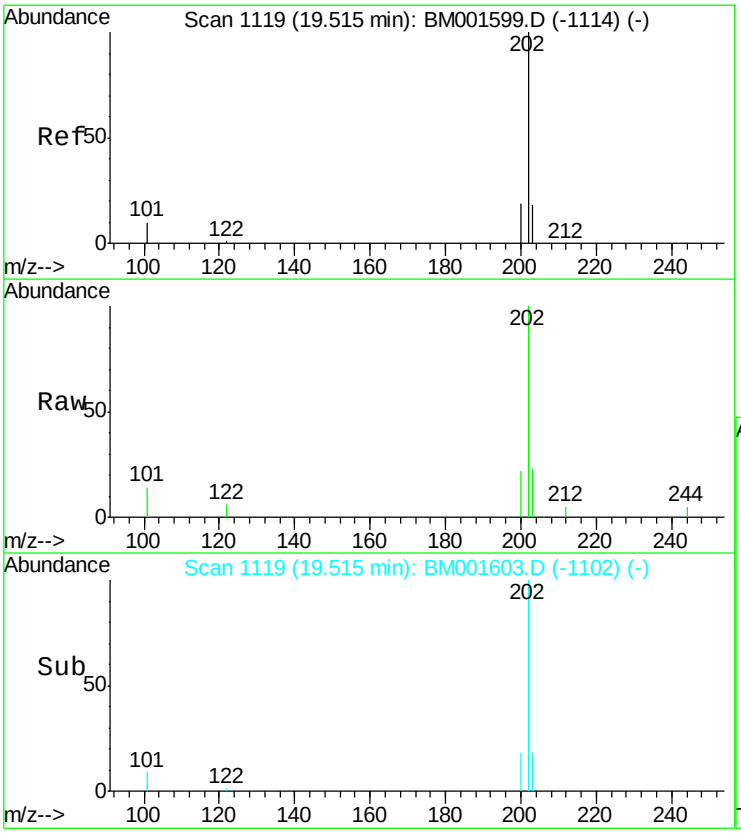
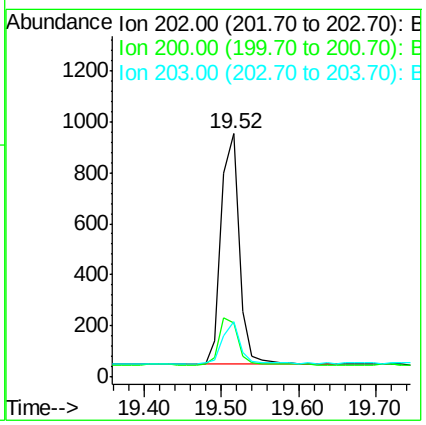
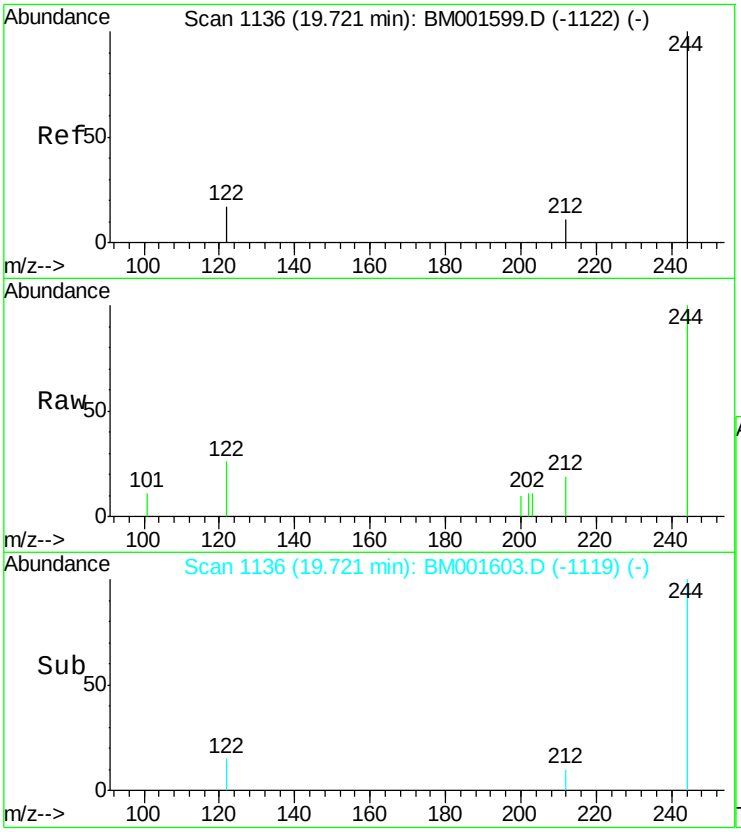


#26
Pyrene
Concen: 0.10 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:202 Resp: 1483

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.0	21.0





#27
Terphenyl-d14
Concen: 0.10 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:244 Resp: 605

Ion	Ratio	Lower	Upper
244	100		
212	19.2	9.2	13.8#
122	25.8	14.5	21.7#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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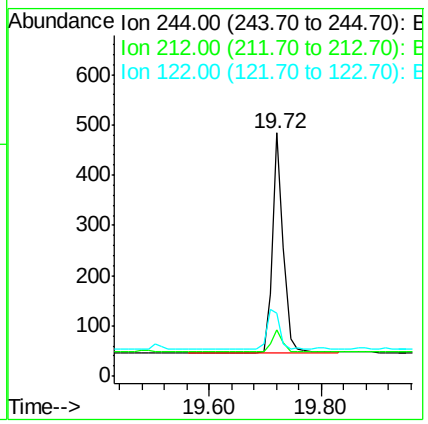
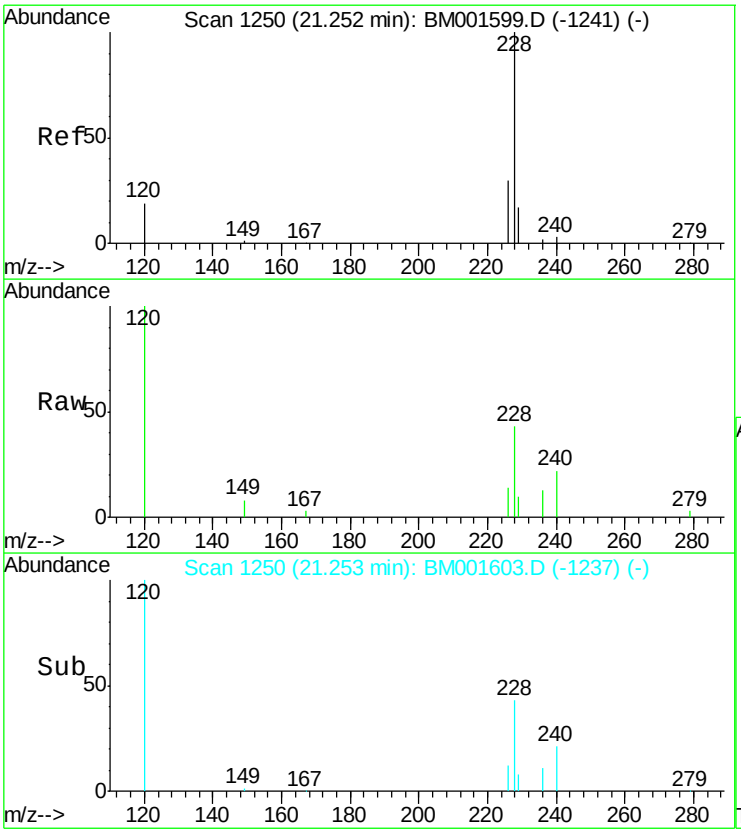
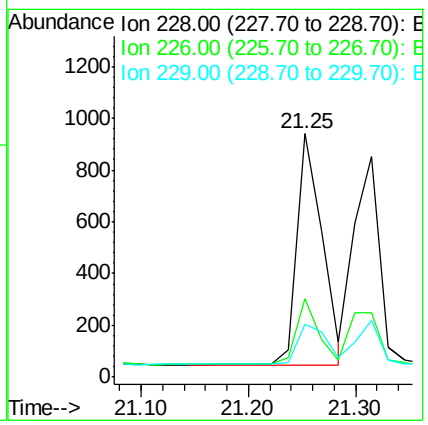


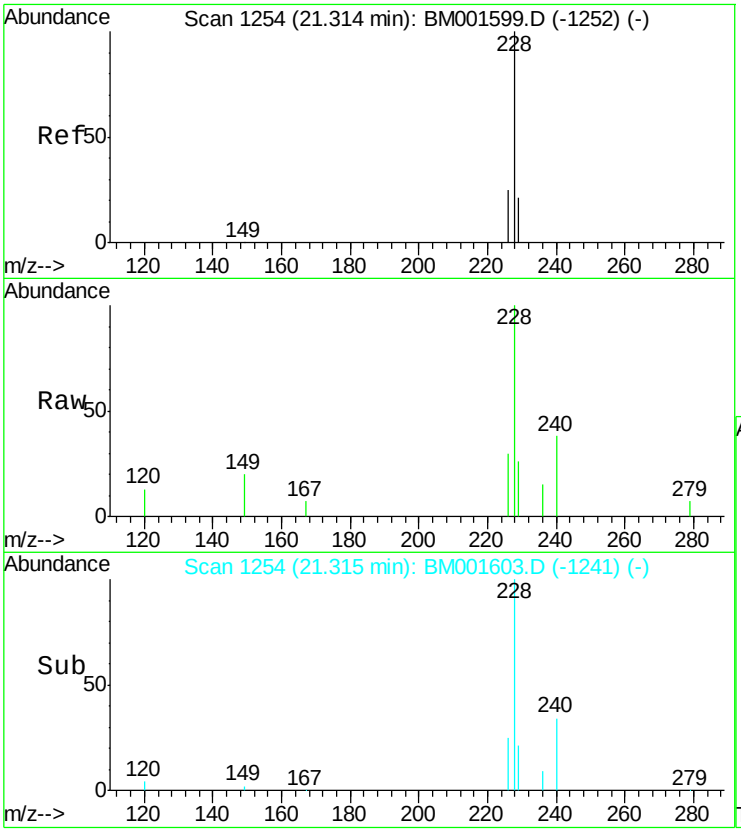


#28
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:228 Resp: 1448

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.9	13.8	20.8#

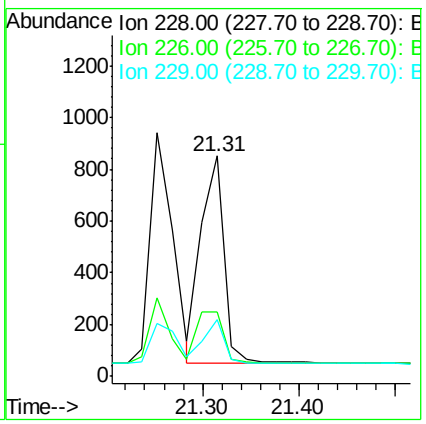




#29
Chrysene
Concen: 0.11 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:228 Resp: 1341

Ion	Ratio	Lower	Upper
228	100		
226	29.5	20.6	31.0
229	25.8	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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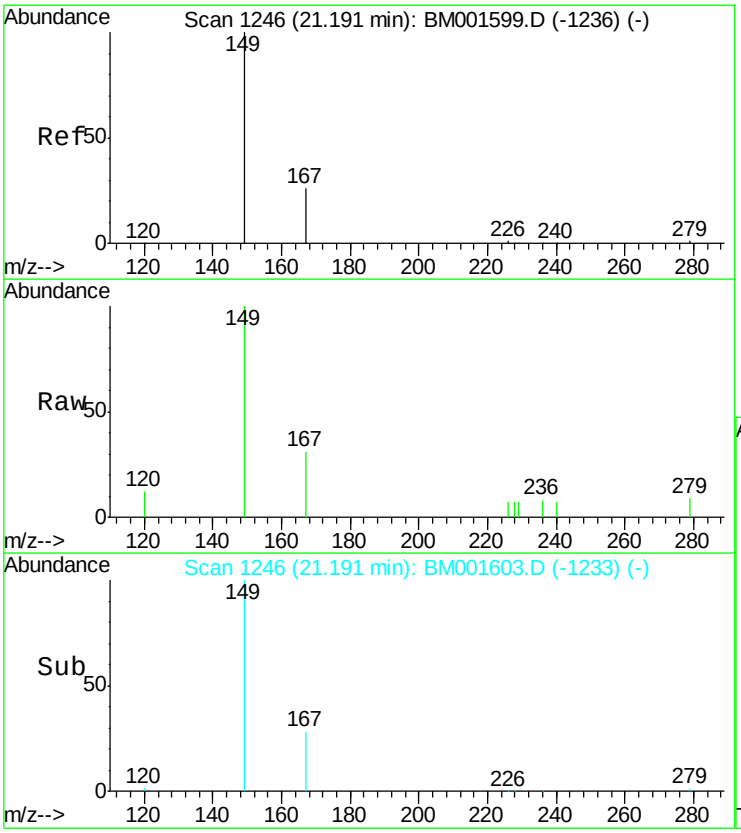
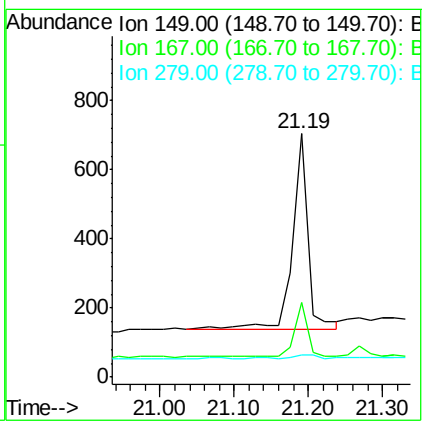
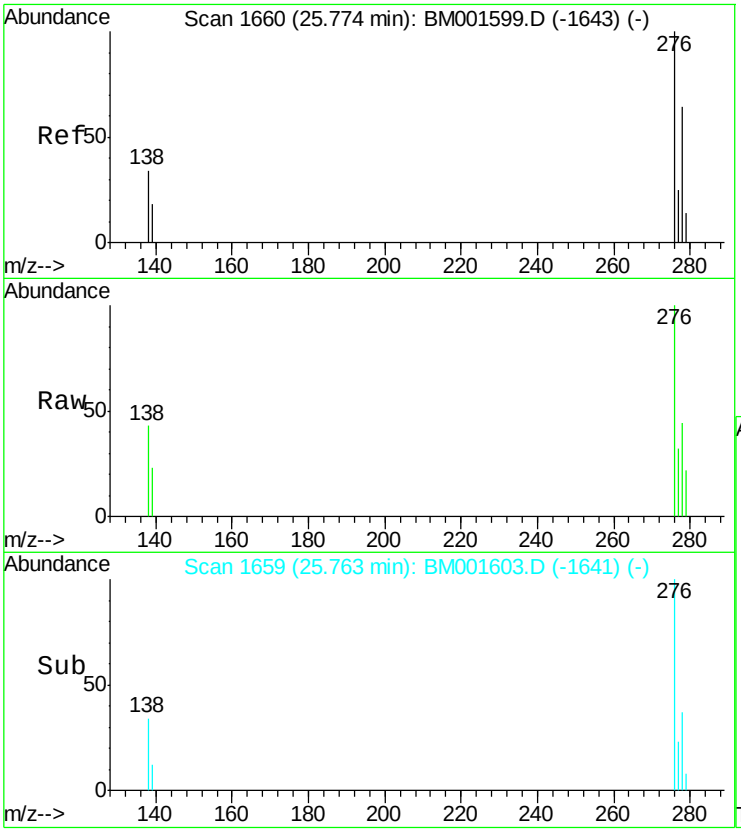


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:149 Resp: 816

Ion	Ratio	Lower	Upper
149	100		
167	22.8	20.2	30.4
279	3.6	1.7	2.5#

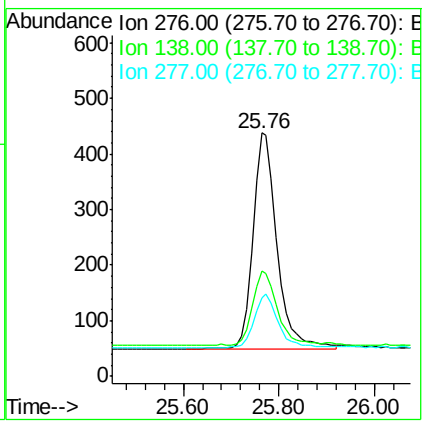




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:276 Resp: 1384

Ion	Ratio	Lower	Upper
276	100		
138	34.9	28.2	42.2
277	25.1	19.4	29.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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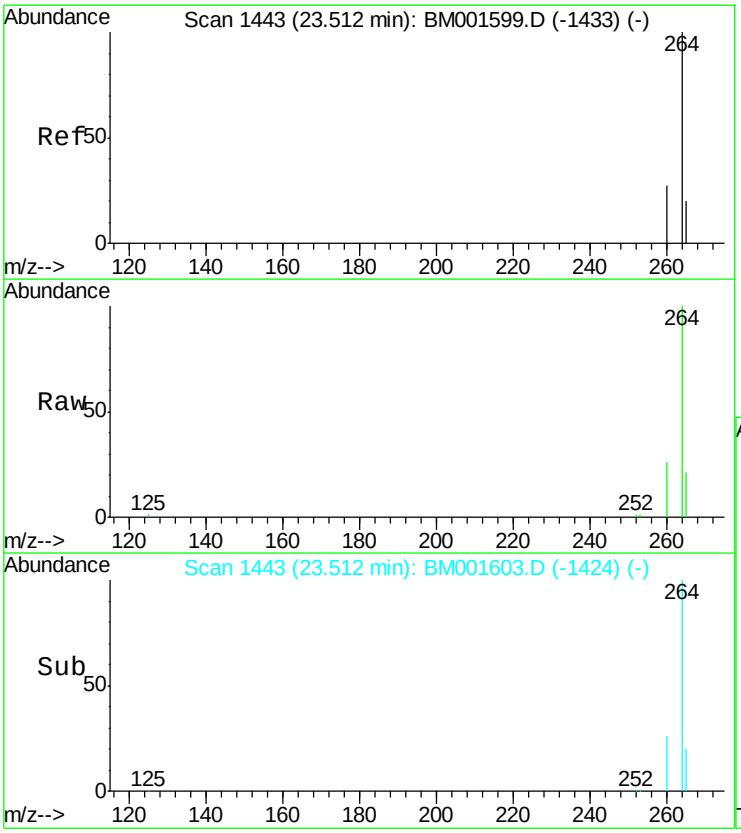
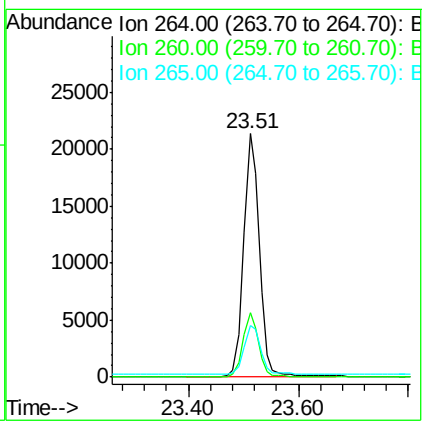
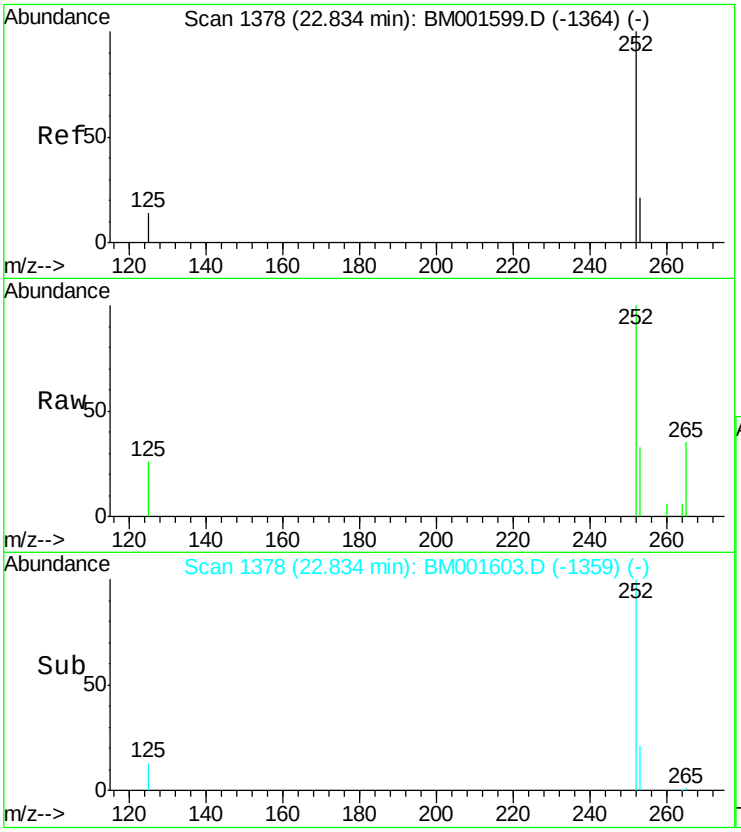


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:264 Resp: 42069

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.8	32.6
265	21.5	16.8	25.2





#33
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:252 Resp: 1267

Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.6	26.4#
125	25.9	12.4	18.6#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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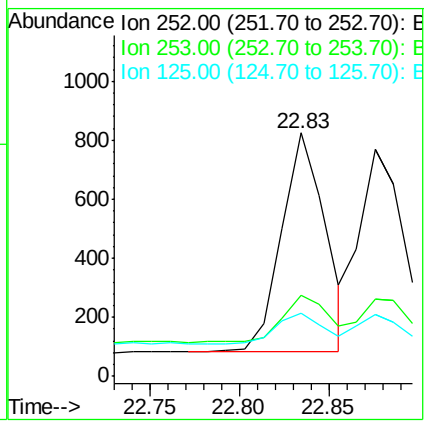
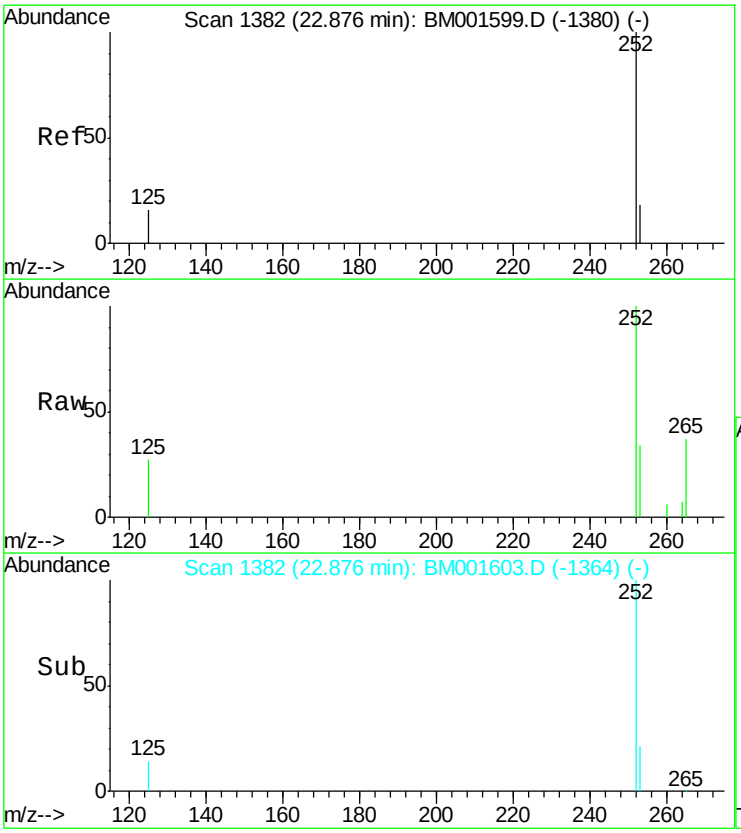
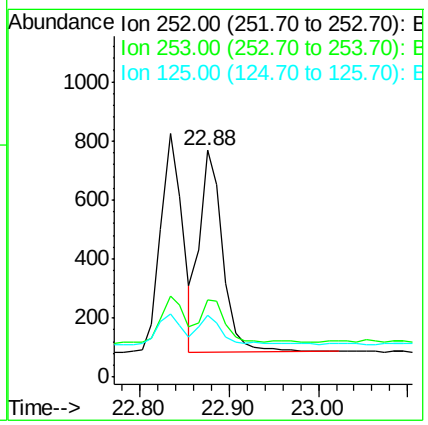


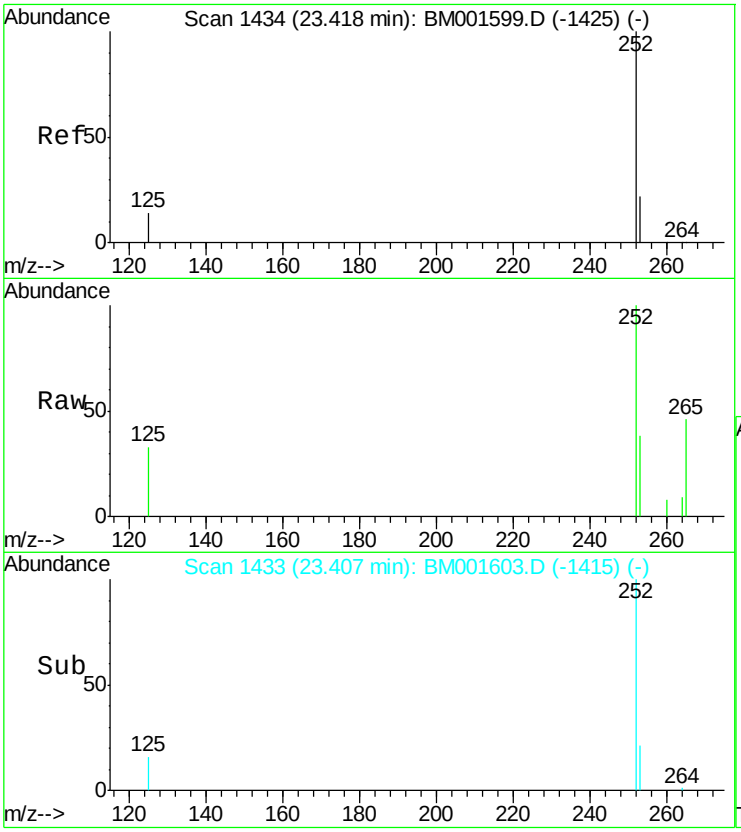


#34
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.88 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:252 Resp: 1234

Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.1	25.7#
125	27.1	12.8	19.2#

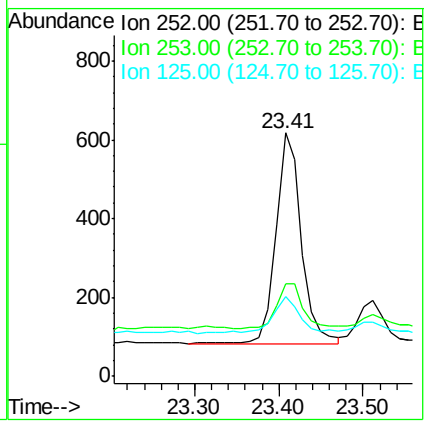




#35
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:252 Resp: 1120

Ion	Ratio	Lower	Upper
252	100		
253	37.7	19.4	29.0#
125	32.5	13.0	19.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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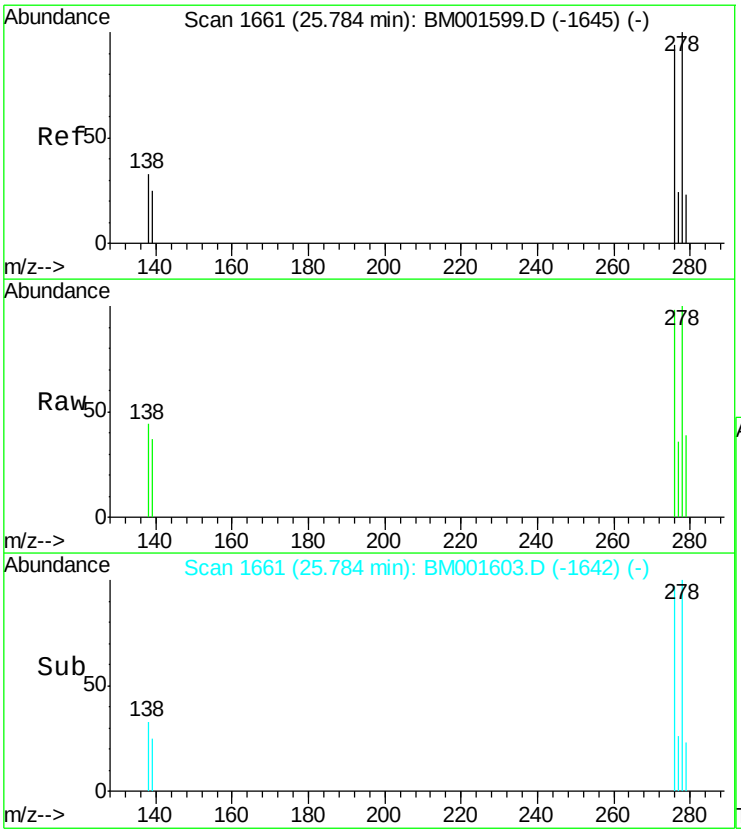
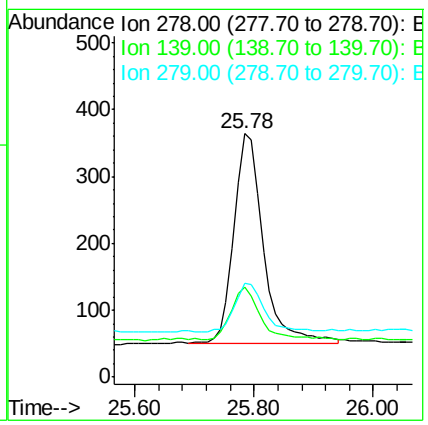
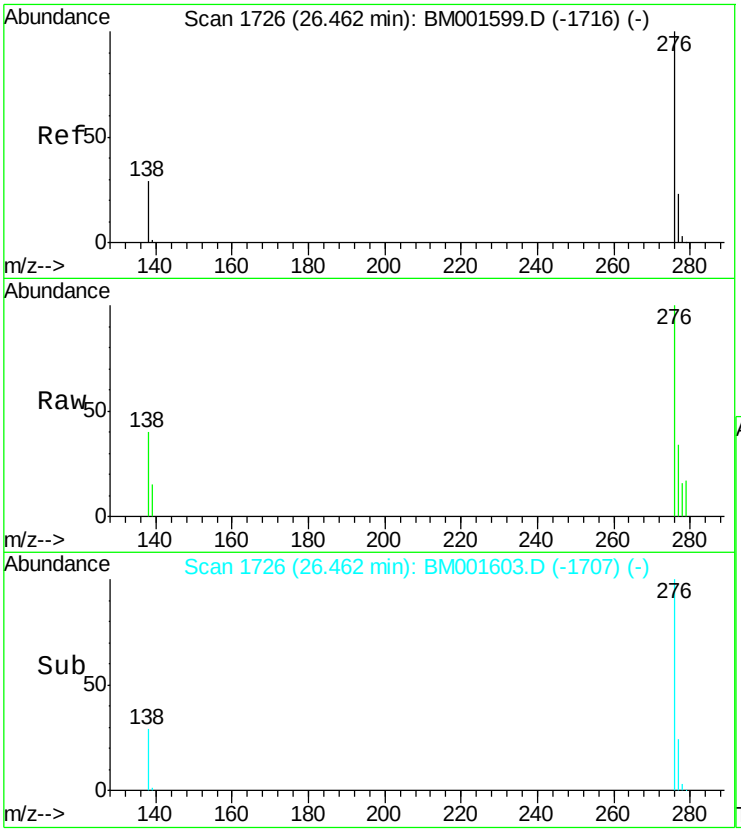


#36
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:278 Resp: 1064

Ion	Ratio	Lower	Upper
278	100		
139	36.8	20.6	31.0#
279	38.7	19.7	29.5#

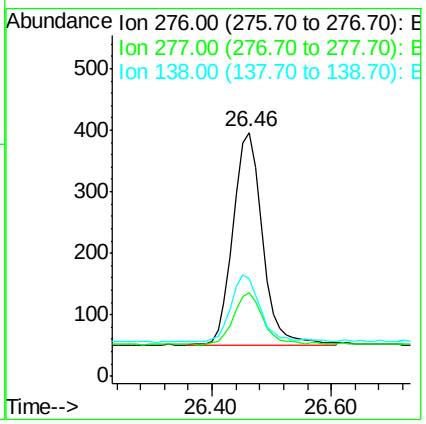




#37
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001603.D
Acq: 09 Jun 2015 03:00

Tgt Ion:276 Resp: 1180

Ion	Ratio	Lower	Upper
276	100		
277	34.3	19.4	29.0#
138	39.9	24.5	36.7#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
apatel
6/10/2015 1:04:28 PM