

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112715\
 Data File : BM003311.D
 Acq On : 27 Nov 2015 19:09
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Manual Integrations
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 11/30/2015 5:45:48 PM

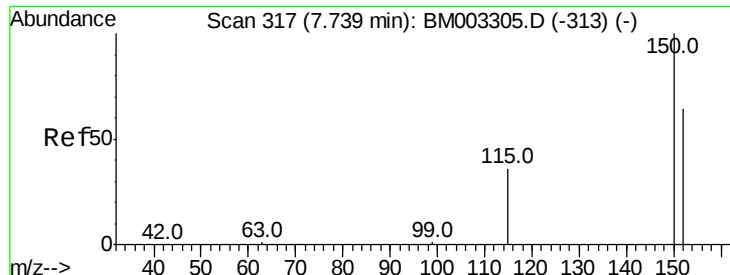
Quant Time: Nov 27 22:49:17 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	62609	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	240890	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	118557	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	279187	5.00	ng	0.00
26) Chrysene-d12	21.32	240	208545	5.00	ng	0.00
35) Perylene-d12	23.59	264	182027	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	12157	0.98	ng	0.00
5) Phenol-d6	6.90	99	13713	0.97	ng	0.00
8) Nitrobenzene-d5	8.89	82	10287	0.96	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	2097	0.97	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	35675	0.93	ng	0.00
29) Terphenyl-d14	19.76	244	27888	0.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6181	1.09	ng	97
3) n-Nitrosodimethylamine	3.54	42	5787	1.00	ng	96
6) bis(2-Chloroethyl)ether	7.16	93	14067	0.97	ng	99
9) Nitrobenzene	8.93	77	11128	0.95	ng	100
10) Naphthalene	10.56	128	51941	1.00	ng	99
11) Hexachlorobutadiene	10.87	225	8364	1.06	ng	99
12) 2-Methylnaphthalene	12.19	142	32390	0.99	ng	97
16) Acenaphthylene	14.09	152	41805	0.96	ng	100
17) Acenaphthene	14.45	154	28988	0.86	ng	# 100
18) Fluorene	15.42	166	32164	0.95	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	6884	0.84	ng	# 37
21) Hexachlorobenzene	16.43	284	8750	0.89	ng	# 61
22) Pentachlorophenol	16.79	266	3205	1.06	ng	# 81
23) Phenanthrene	17.17	178	47948	0.83	ng	# 74
24) Anthracene	17.25	178	50609	0.97	ng	97
25) Fluoranthene	19.20	202	53687	0.88	ng	100
27) Benzdine	19.37	184	11267	1.32	ng	# 95
28) Pyrene	19.56	202	59105	0.93	ng	99
30) Benzo(a)anthracene	21.30	228	53539m	1.01	ng	
31) 3,3'-Dichlorobenzidine	21.26	252	8969	0.93	ng	89
32) Chrysene	21.36	228	57744m	0.98	ng	
33) Bis(2-ethylhexyl)phthalate	21.24	149	17239	1.06	ng	# 93
34) Indeno(1,2,3-cd)pyrene	25.86	276	48206	1.00	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	50524	0.96	ng	98
37) Benzo(k)fluoranthene	22.95	252	48756	1.03	ng	99
38) Benzo(a)pyrene	23.49	252	40318	0.97	ng	99
39) Dibenzo(a,h)anthracene	25.89	278	37946	1.05	ng	99
40) Benzo(g,h,i)perylene	26.56	276	42854	0.99	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.74 min Scan# 317

Delta R.T. 0.00 min

Lab File: BM003311.D

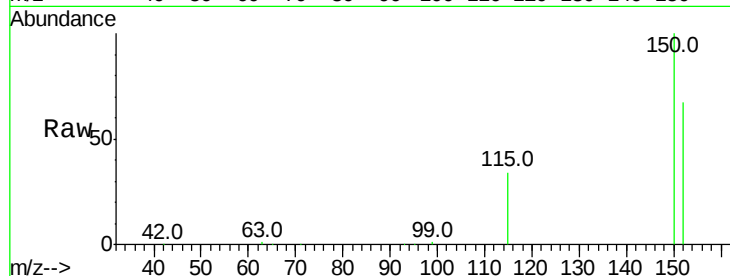
Acq: 27 Nov 2015 19:09

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BNA_M

ClientSampleId :

SSTDCCC001



Tot Ion:152 Resp: 62609

Ion Ratio Lower Upper

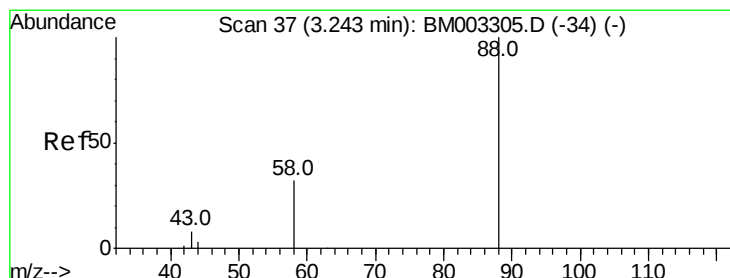
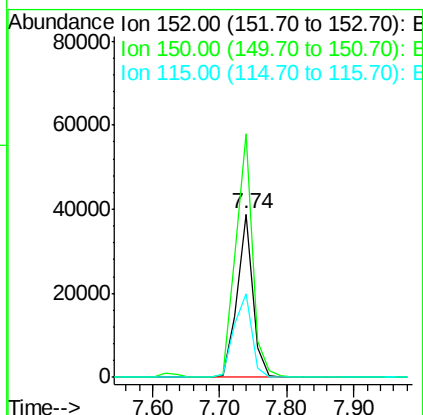
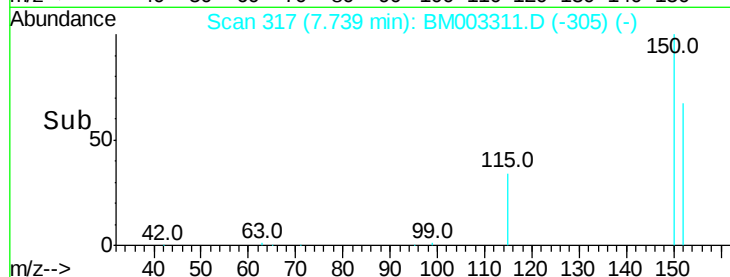
152 100

150 149.1 143.6 215.4

115 51.1 58.5 87.7#

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#2

1,4-Dioxane

Concen: 1.09 ng

RT: 3.23 min Scan# 36

Delta R.T. -0.02 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

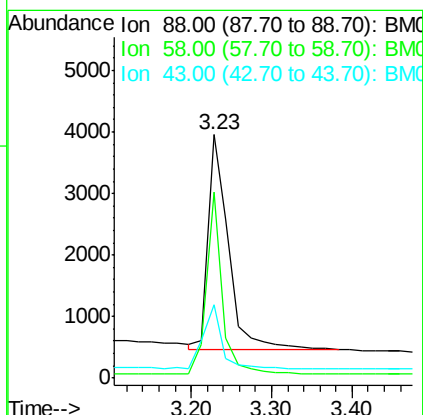
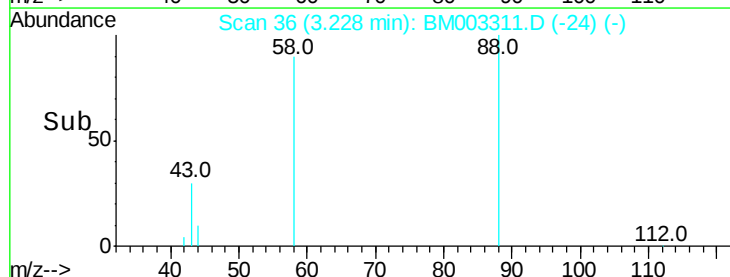
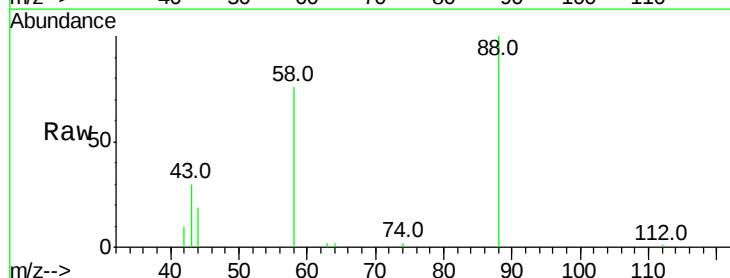
Tgt Ion: 88 Resp: 6181

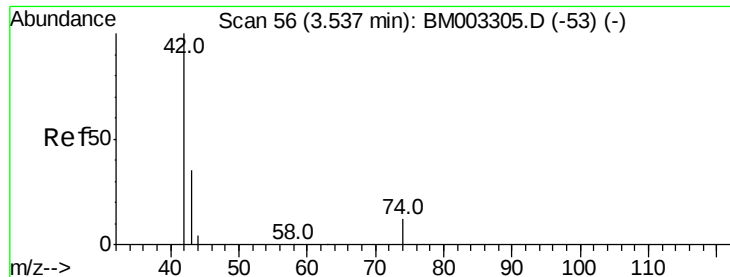
Ion Ratio Lower Upper

88 100

58 65.4 55.2 82.8

43 27.2 21.8 32.6





#3

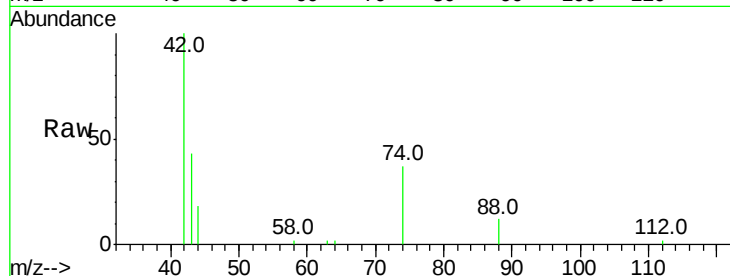
n-Nitrosodimethylamine
 Concen: 1.00 ng
 RT: 3.54 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: BM003311.D
 Acq: 27 Nov 2015 19:09

Instrument :
 BNA_M
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 SSTDCCC001

Tot Ion	Ratio	Lower	Upper
42	100		
74	121.7	101.0	151.4
44	7.5	6.3	9.5

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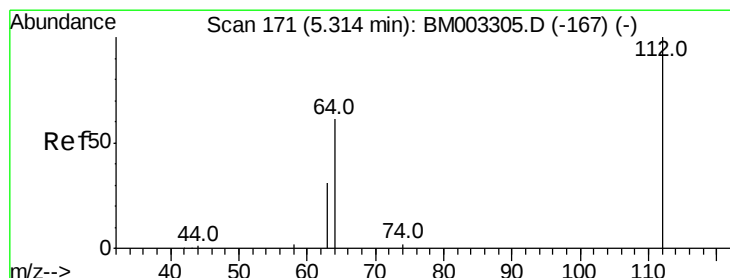
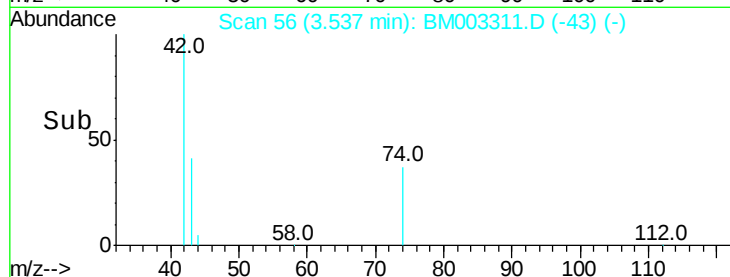
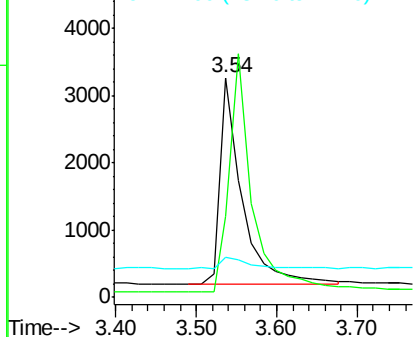


Abundance

Ion 42.00 (41.70 to 42.70): BM003311.D (-43) (-)

Ion 74.00 (73.70 to 74.70): BM003311.D (-43) (-)

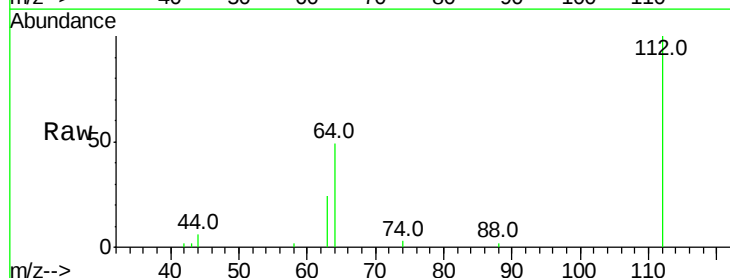
Ion 44.00 (43.70 to 44.70): BM003311.D (-43) (-)



#4

2-Fluorophenol
 Concen: 0.98 ng
 RT: 5.31 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: BM003311.D
 Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.9	21.2	31.8

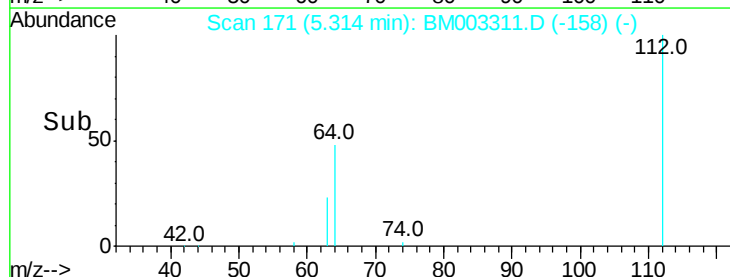
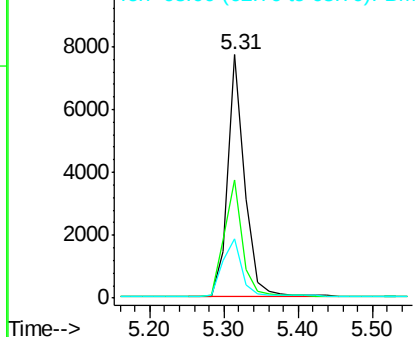


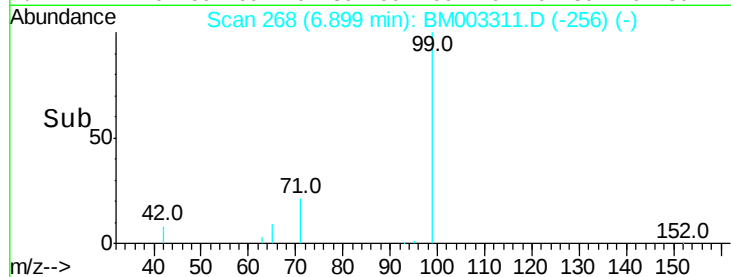
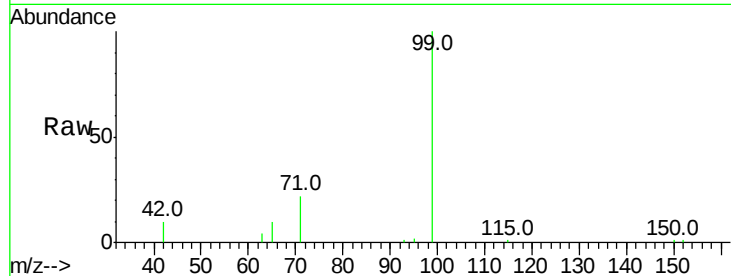
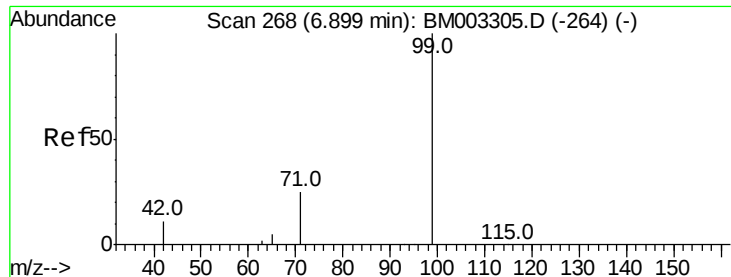
Abundance

Ion 112.00 (111.70 to 112.70): BM003311.D (-158) (-)

Ion 64.00 (63.70 to 64.70): BM003311.D (-158) (-)

Ion 63.00 (62.70 to 63.70): BM003311.D (-158) (-)





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.90 min Scan# 268

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tot Ion:	99	Resp:	13713
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.6	22.0
71	29.3	23.3	34.9

Instrument :

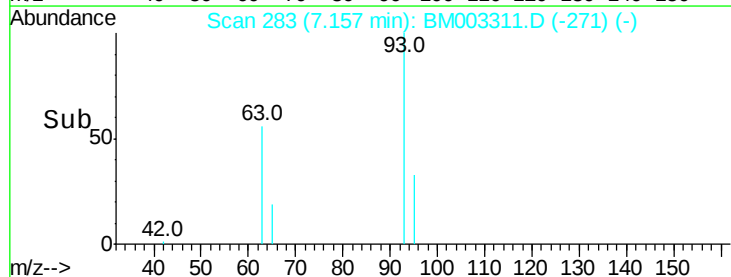
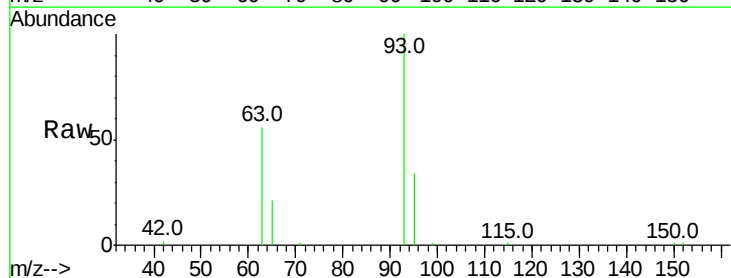
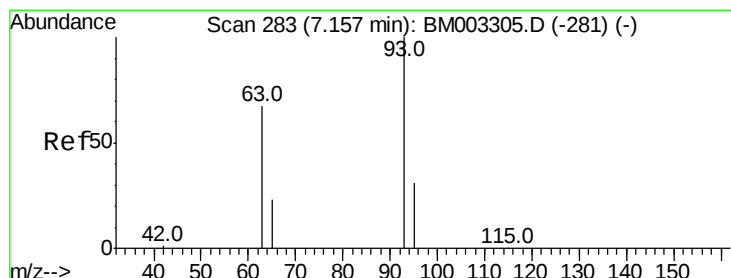
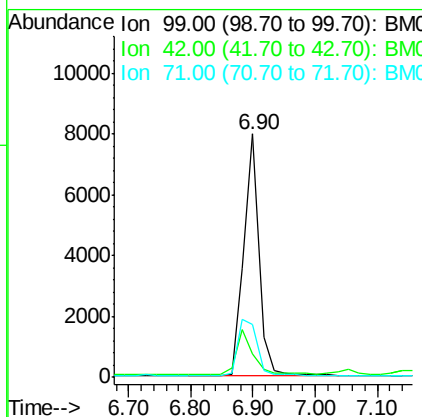
BNA_M

ClientSampleId :

SSTDCCC001

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#6

bis(2-Chloroethyl)ether

Concen: 0.97 ng

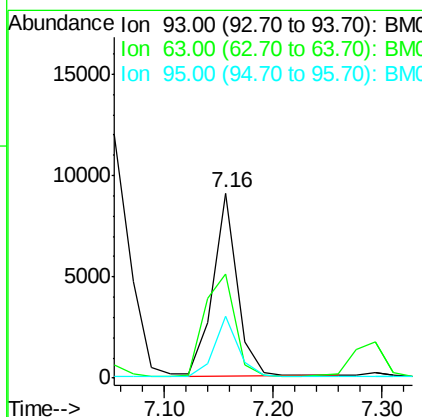
RT: 7.16 min Scan# 283

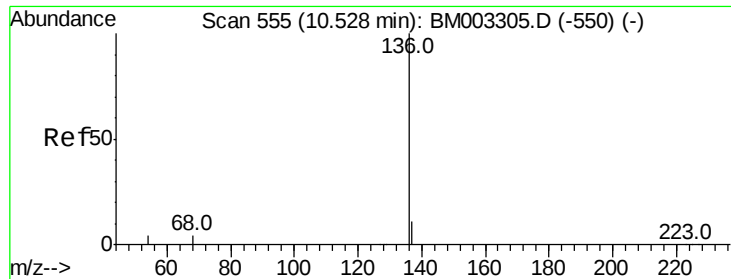
Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tgt Ion:	93	Resp:	14067
Ion Ratio	Lower	Upper	
93	100		
63	71.4	58.2	87.4
95	32.8	26.2	39.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

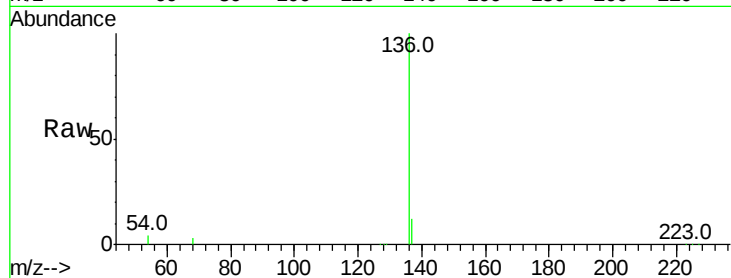
ClientSampleId :

SSTDCCC001

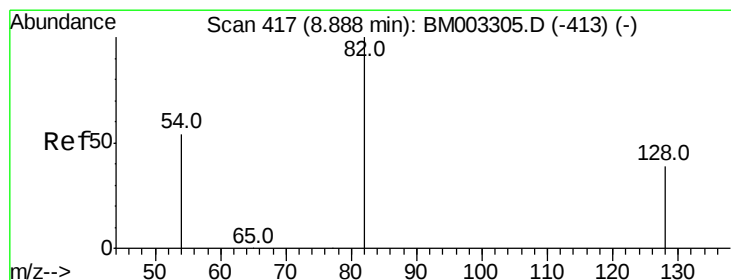
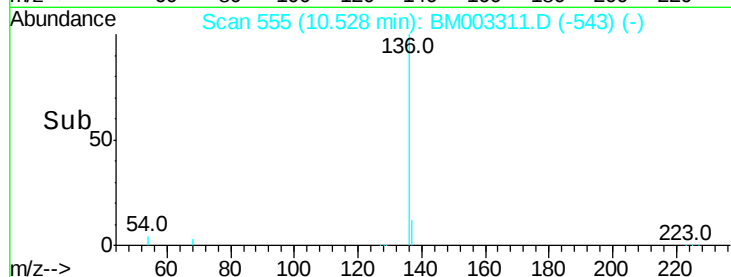
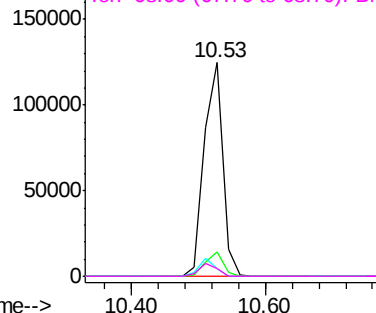
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	8.0	12.0
54	3.6	7.4	11.0#
68	3.3	5.8	8.6#

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Abundance Ion 136.00 (135.70 to 136.70): E



#8

Nitrobenzene-d5

Concen: 0.96 ng

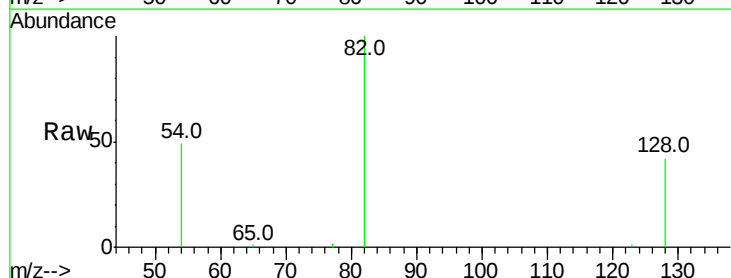
RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

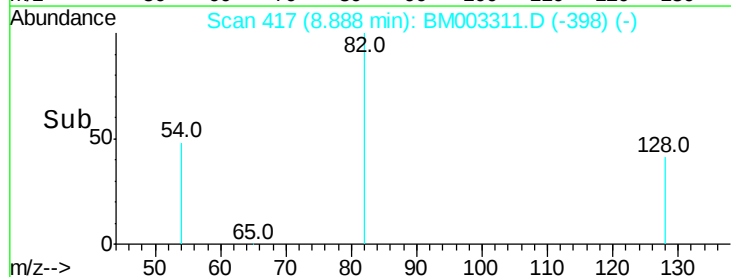
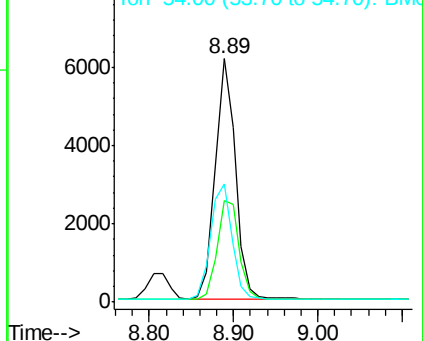
Lab File: BM003311.D

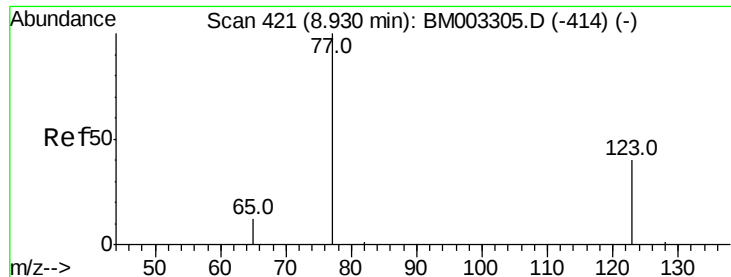
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.9	35.2	52.8
54	48.8	36.4	54.6



Abundance Ion 82.00 (81.70 to 82.70): BM0





#9

Nitrobenzene

Concen: 0.95 ng

RT: 8.93 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

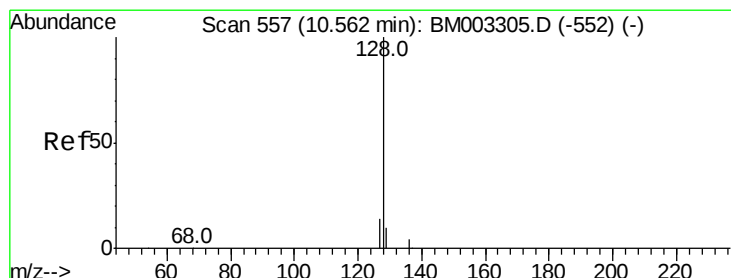
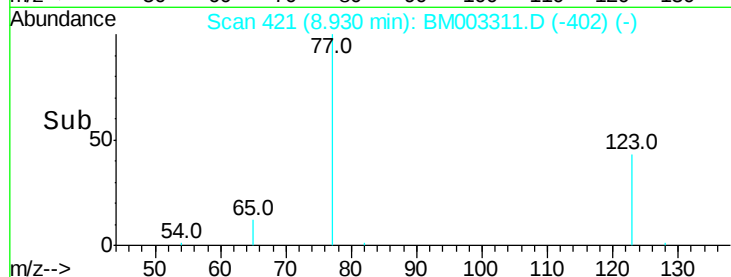
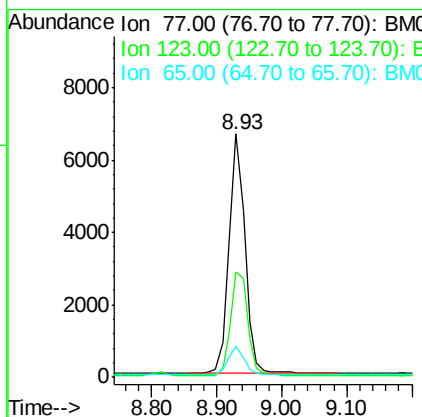
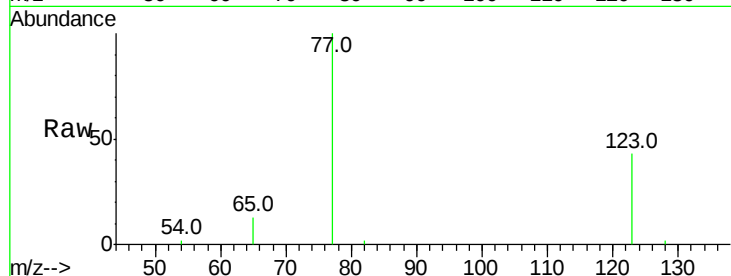
ClientSampleId :

SSTDCCC001

Tot Ion:	77	Resp:	11128
Ion Ratio	Lower	Upper	
77	100		
123	47.0	37.7	56.5
65	12.1	9.8	14.6

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#10

Naphthalene

Concen: 1.00 ng

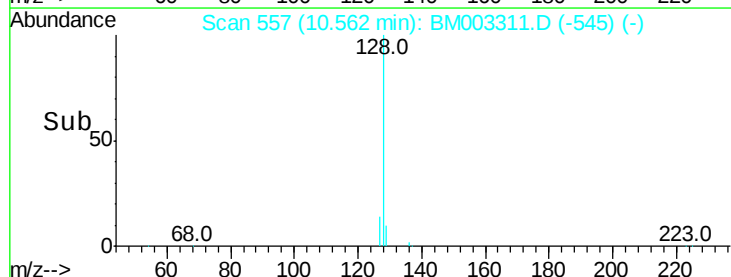
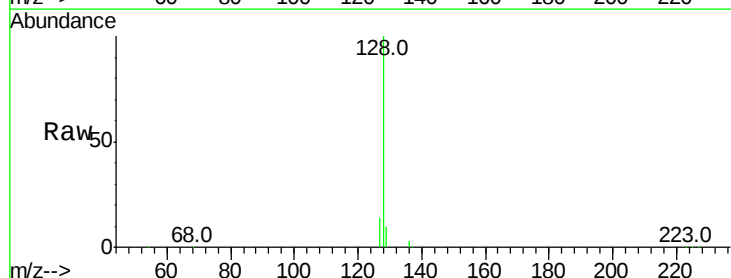
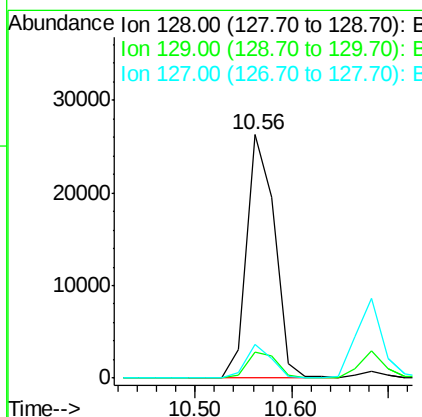
RT: 10.56 min Scan# 557

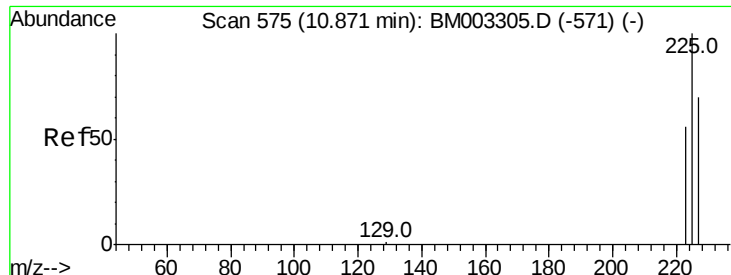
Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tgt Ion:	128	Resp:	51941
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.5	12.7
127	13.9	10.6	16.0





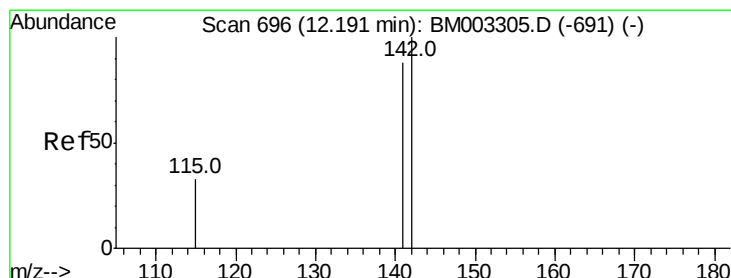
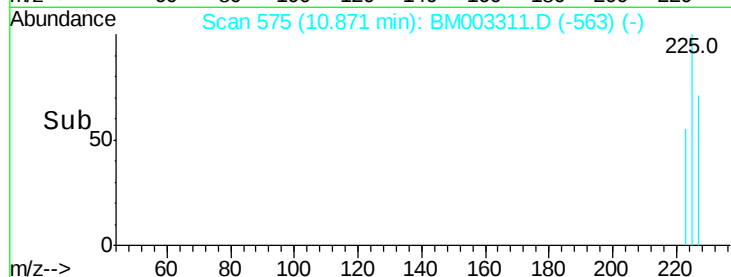
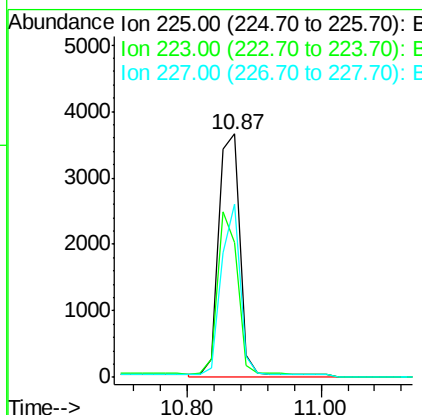
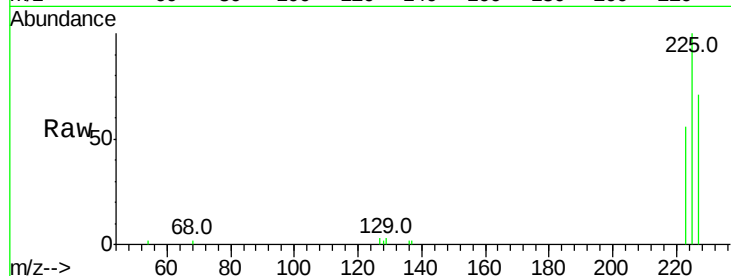
#11
Hexachlorobutadiene
Concen: 1.06 ng
RT: 10.87 min Scan# 575
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
225	100		
223	66.8	53.0	79.4
227	66.3	52.2	78.4

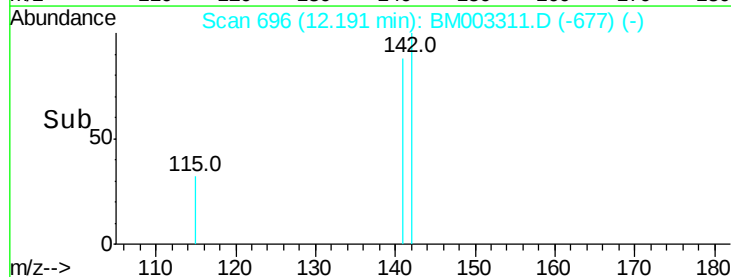
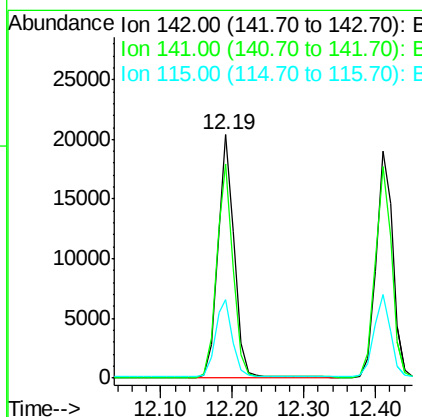
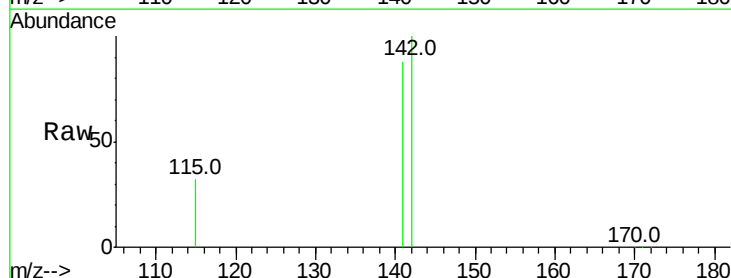
Manual Integrations
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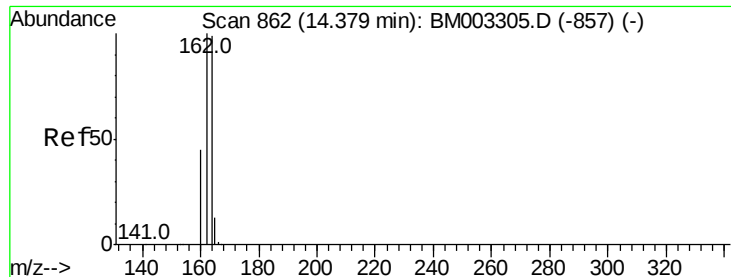
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#12
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.19 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.2	108.2
115	32.3	28.0	42.0





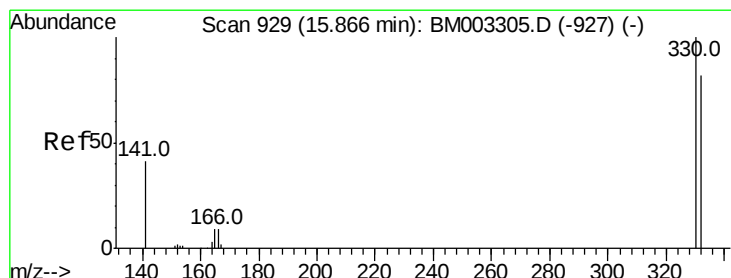
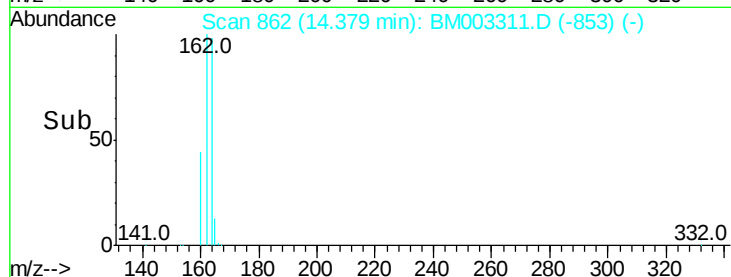
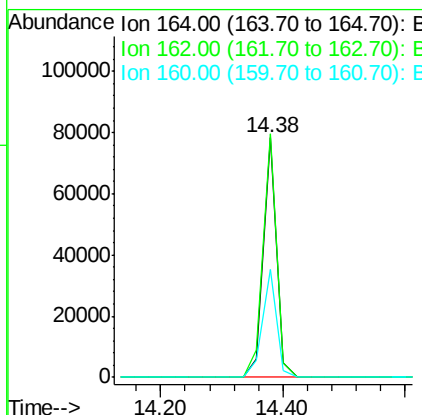
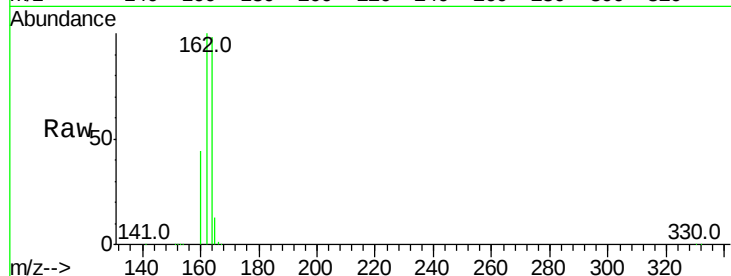
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.3	117.5
160	45.3	33.8	50.6

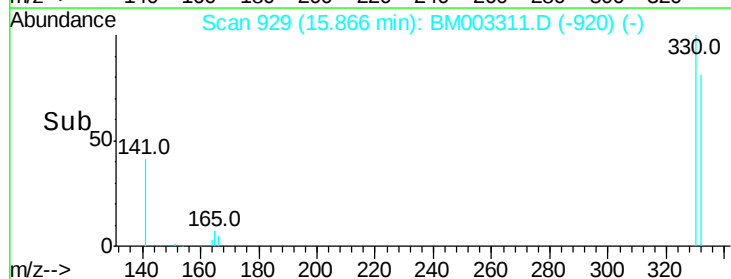
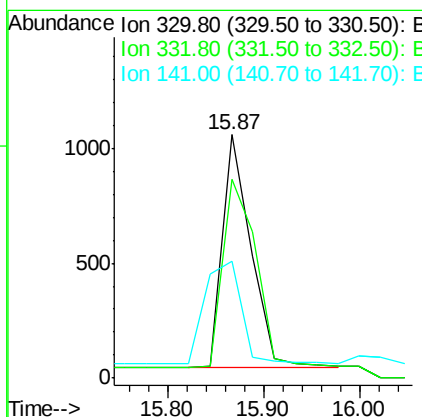
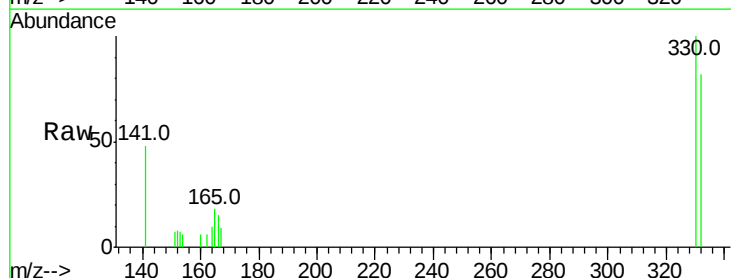
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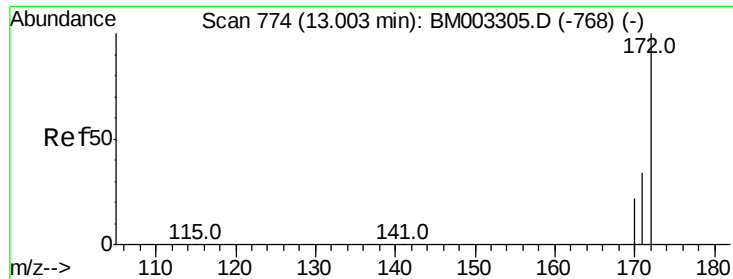
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#14
2,4,6-Tribromophenol
Concen: 0.97 ng
RT: 15.87 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.0	114.0
141	55.9	0.0	0.0#





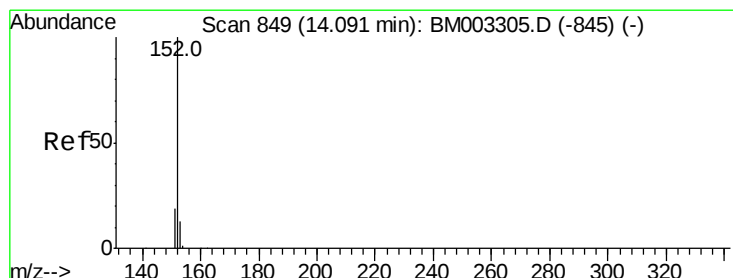
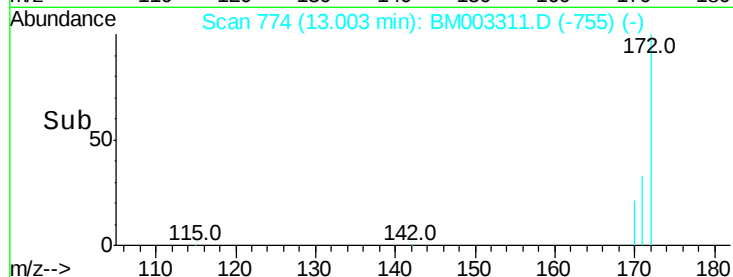
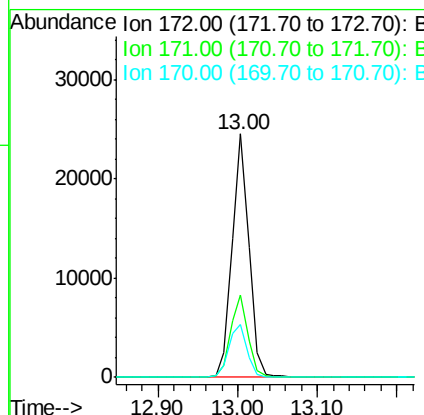
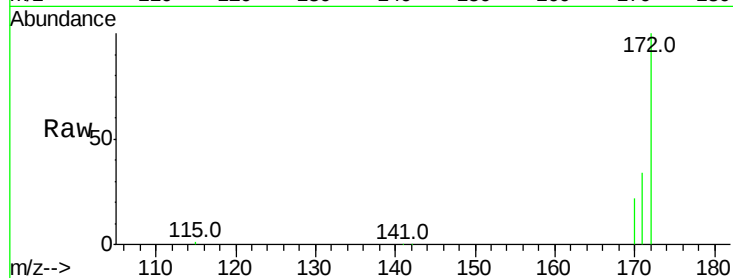
#15
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.00 min Scan# 774
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.0	42.0
170	21.6	18.9	28.3

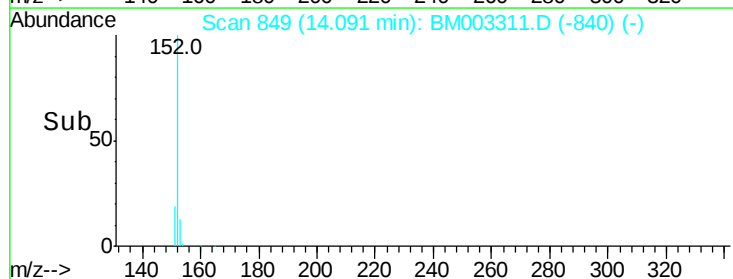
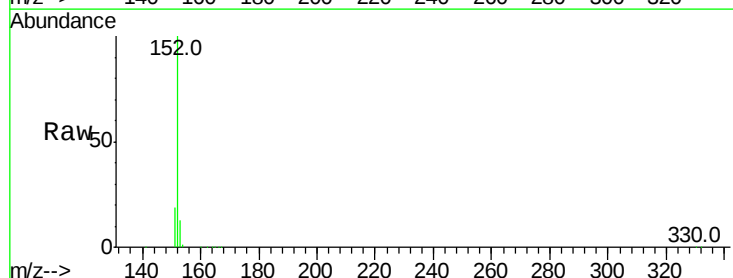
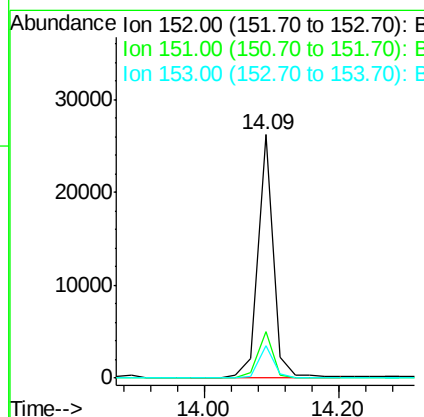
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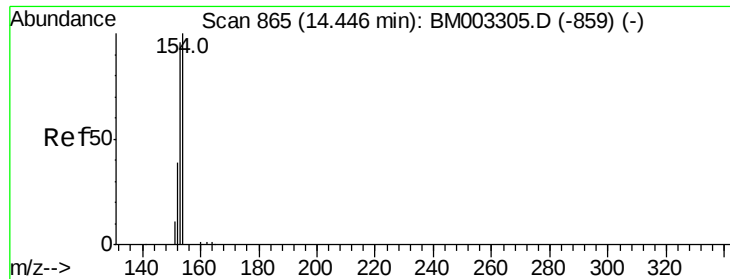
Mmdadoda
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#16
Acenaphthylene
Concen: 0.96 ng
RT: 14.09 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8
153	12.9	10.4	15.6





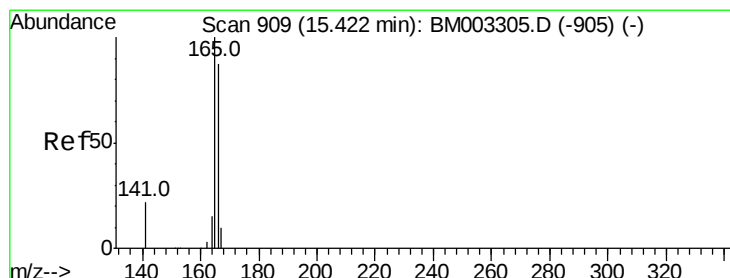
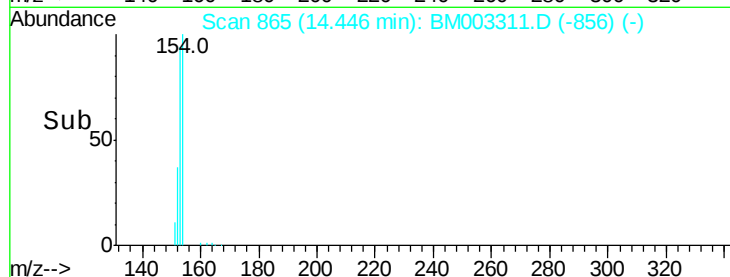
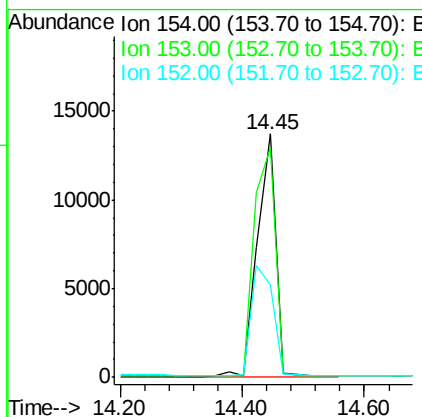
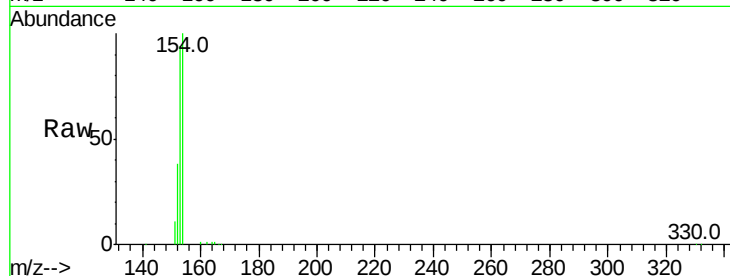
#17
Acenaphthene
Concen: 0.86 ng
RT: 14.45 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion	Ratio	Lower	Upper
154	100		
153	108.1	0.0	0.0#
152	0.0	0.0	0.0

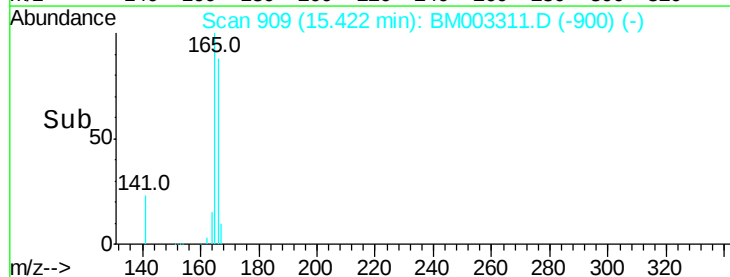
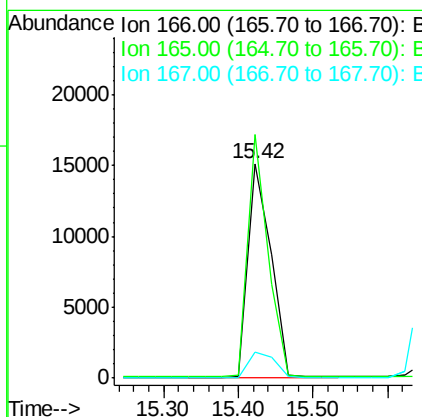
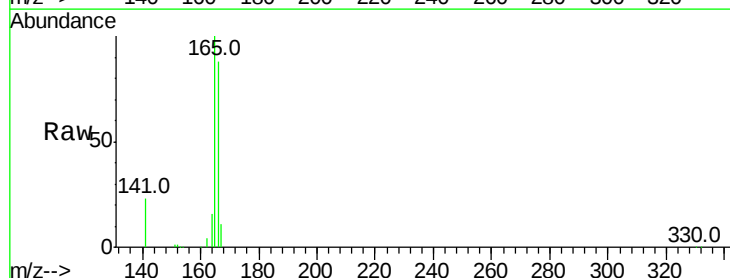
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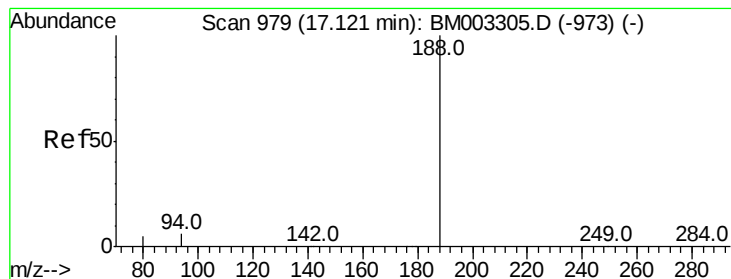
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#18
Fluorene
Concen: 0.95 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.8	121.2
167	13.3	10.5	15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

ClientSampleId :

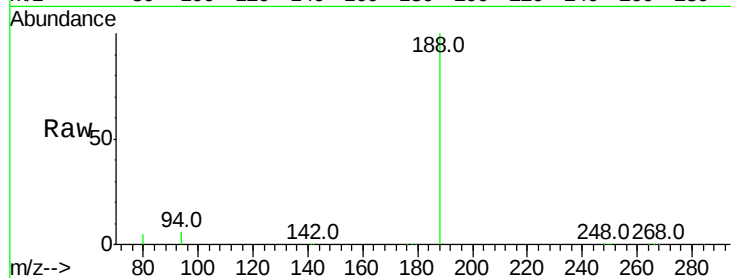
SSTDCCC001

Tot Ion:188 Resp: 279187
Ion Ratio Lower Upper

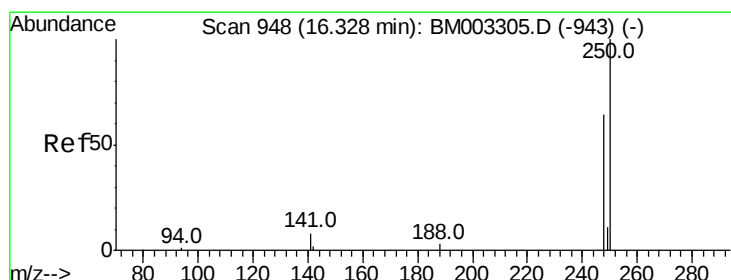
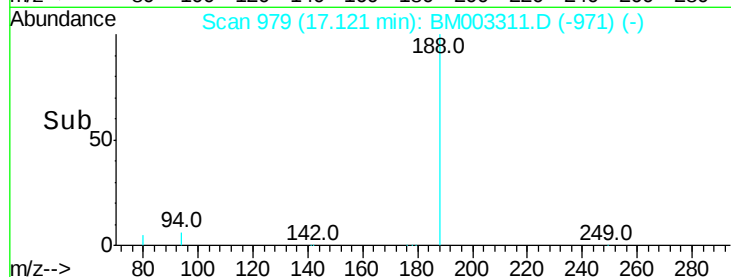
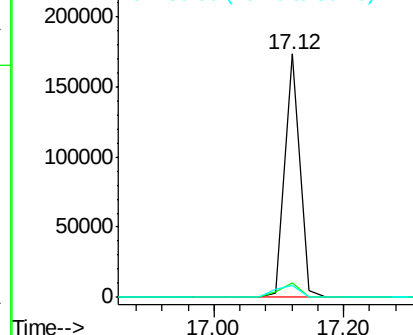
188	100		
94	5.7	1.8	2.6#
80	4.9	1.4	2.0#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 0.84 ng

RT: 16.33 min Scan# 948

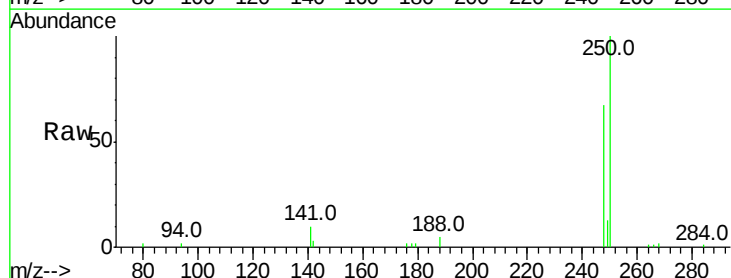
Delta R.T. 0.00 min

Lab File: BM003311.D

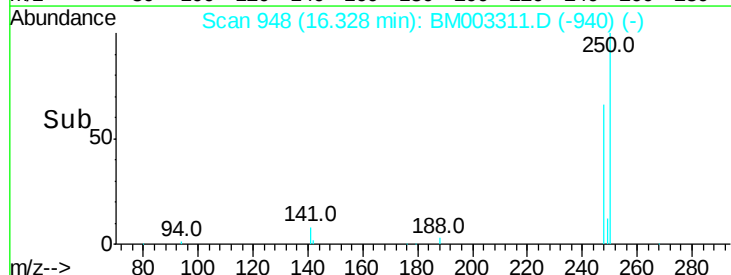
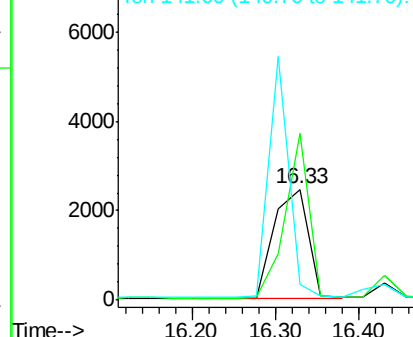
Acq: 27 Nov 2015 19:09

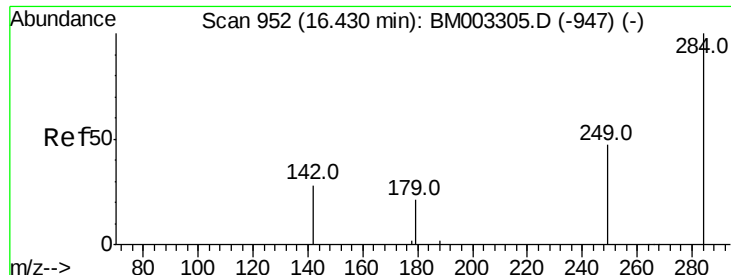
Tgt Ion:248 Resp: 6884
Ion Ratio Lower Upper

248	100		
250	105.6	65.4	98.0#
141	0.0	72.8	109.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





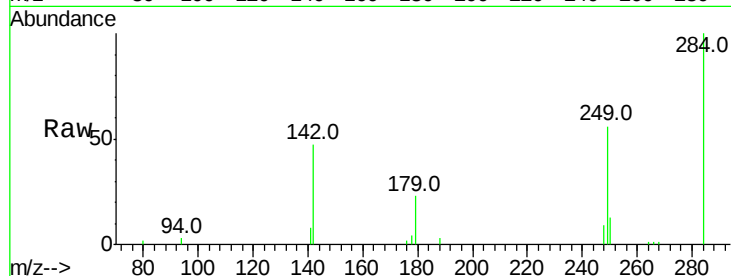
#21
Hexachlorobenzene
Concen: 0.89 ng
RT: 16.43 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

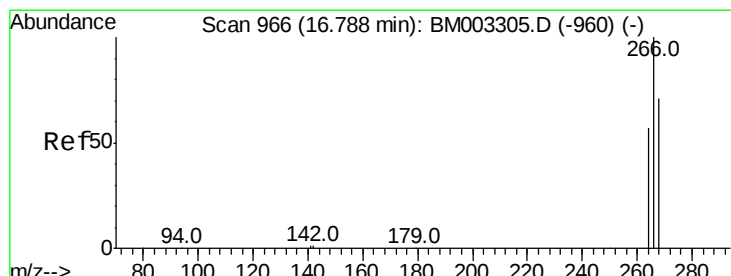
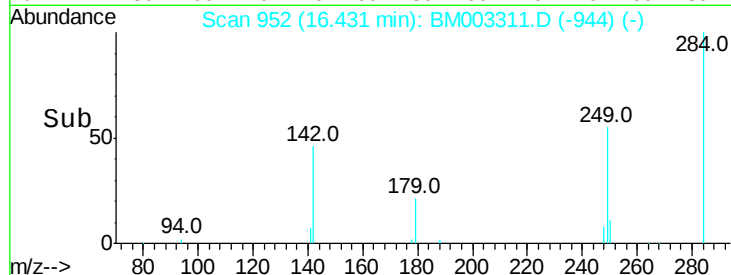
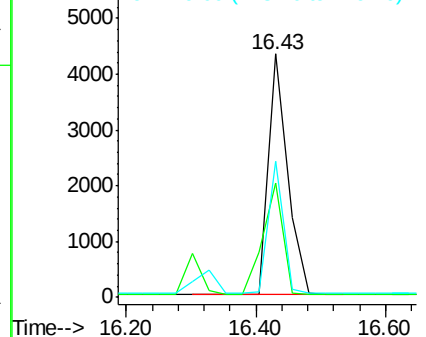
Tot Ion	Ratio	Lower	Upper
284	100		
142	48.2	0.0	0.0#
249	43.6	19.4	29.2#

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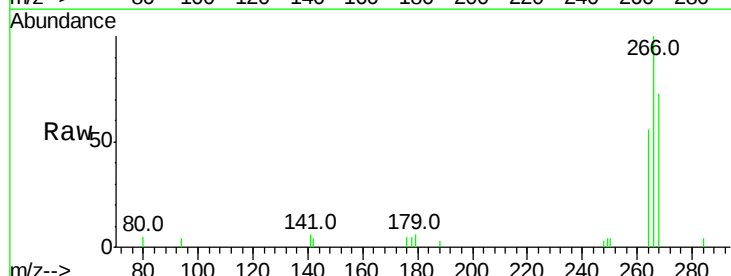


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

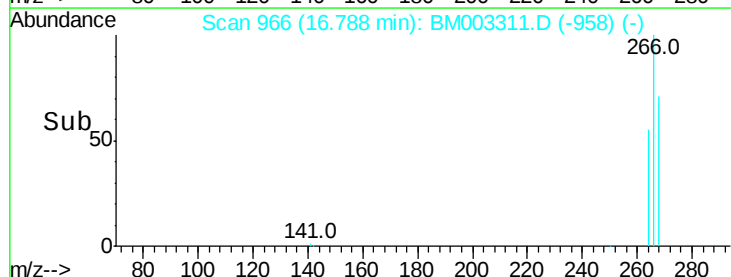
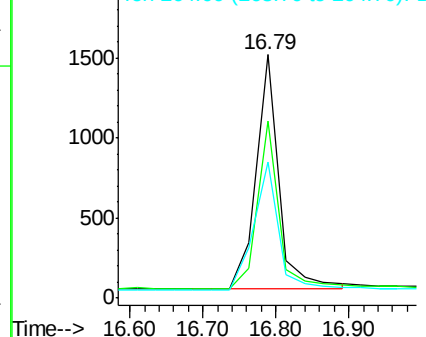


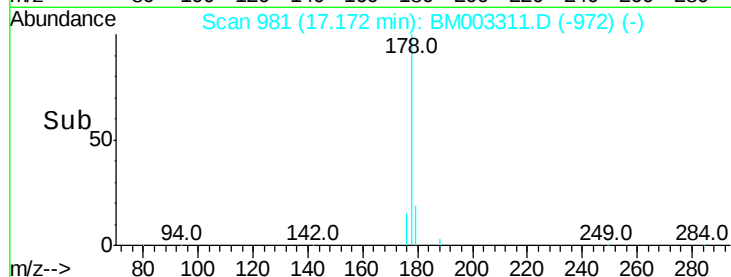
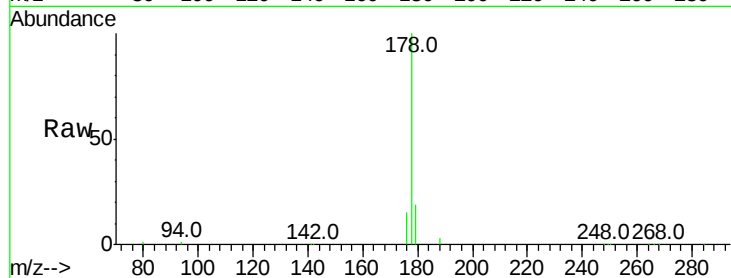
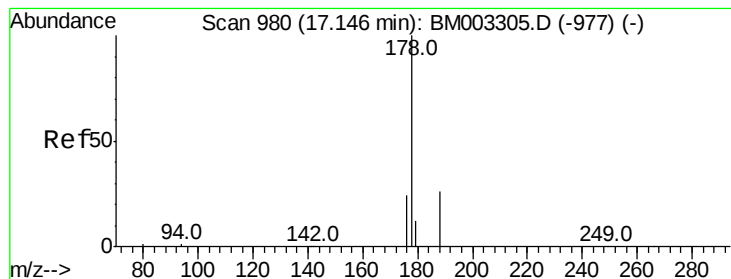
#22
Pentachlorophenol
Concen: 1.06 ng
RT: 16.79 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.5	45.8	68.8#
264	55.7	56.7	85.1#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.83 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.03 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	16.0	11.7	17.5

Instrument :

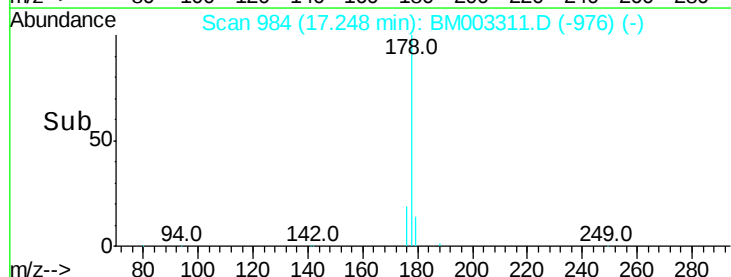
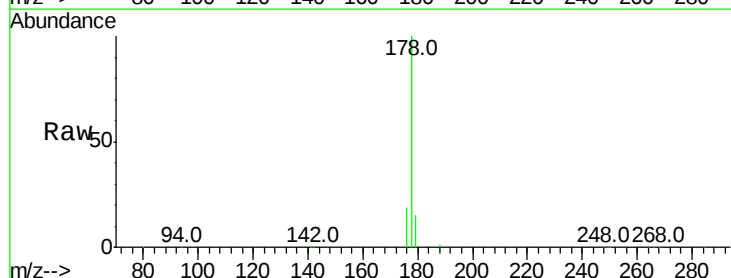
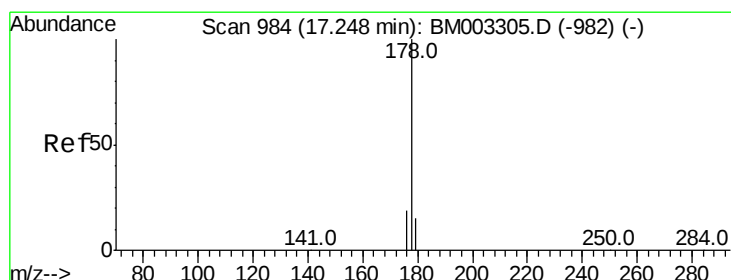
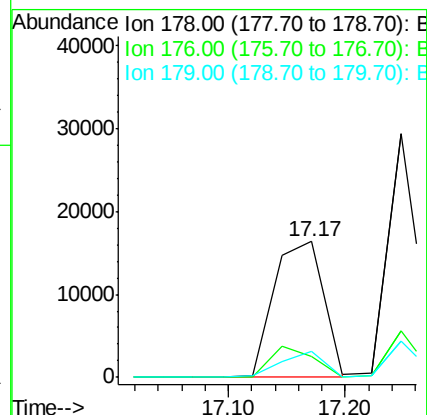
BNA_M

ClientSampleId :

SSTDCCC001

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#24

Anthracene

Concen: 0.97 ng

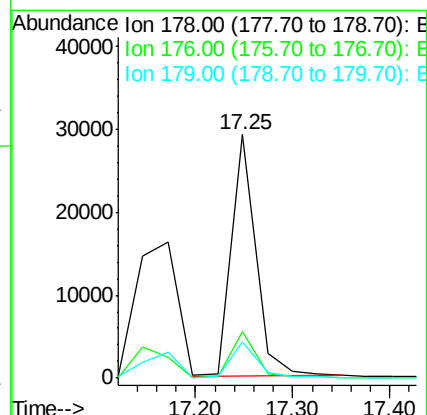
RT: 17.25 min Scan# 984

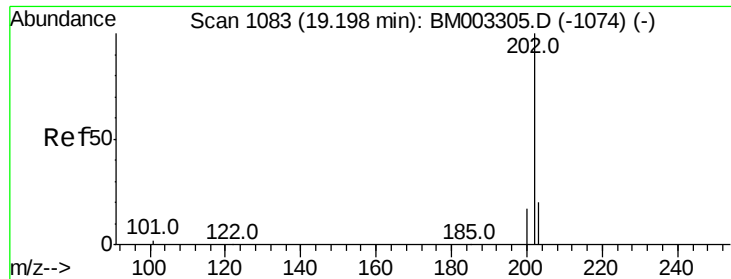
Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	14.7	12.8	19.2





#25

Fluoranthene

Concen: 0.88 ng

RT: 19.20 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

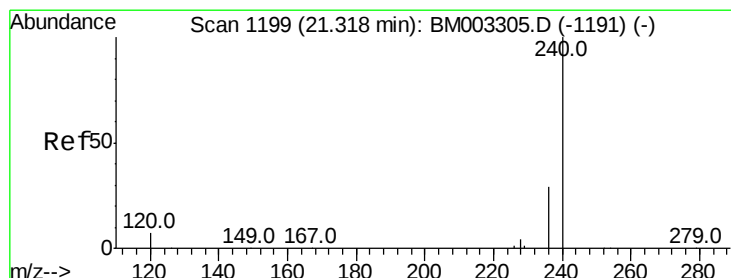
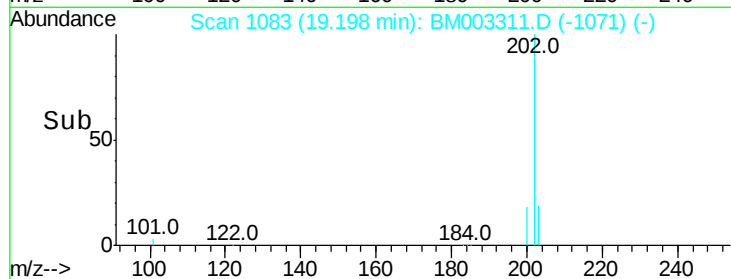
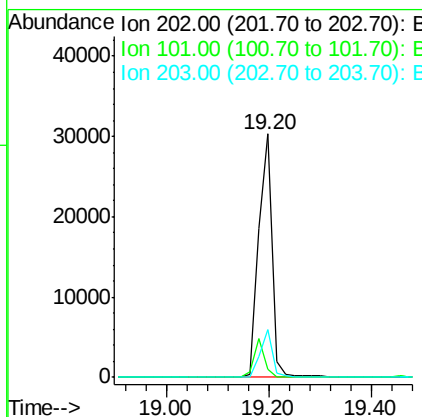
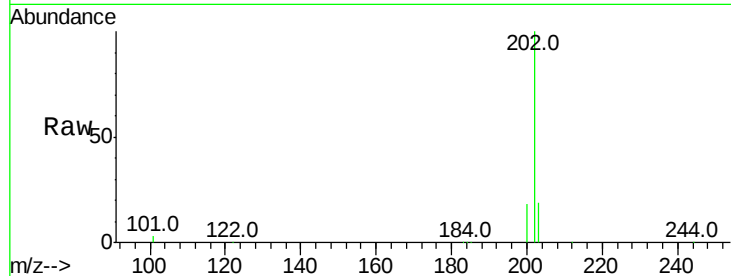
ClientSampleId :

SSTDCCC001

Tot Ion:	202	Resp:	53687
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.9	14.9
203	17.4	13.9	20.9

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#26

Chrysene-d12

Concen: 5.00 ng

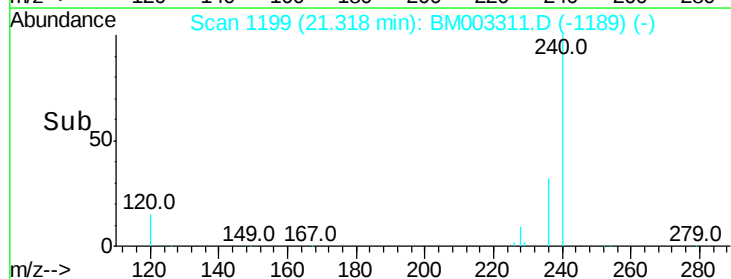
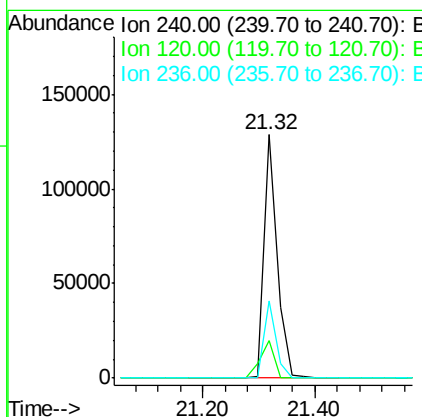
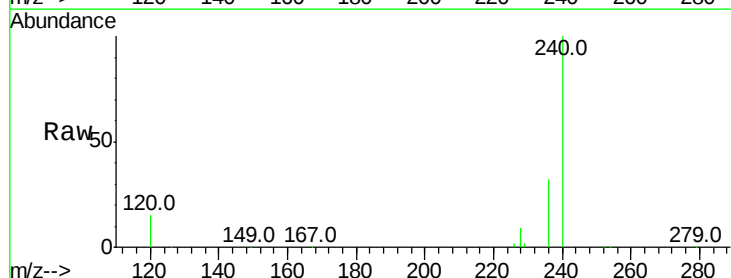
RT: 21.32 min Scan# 1199

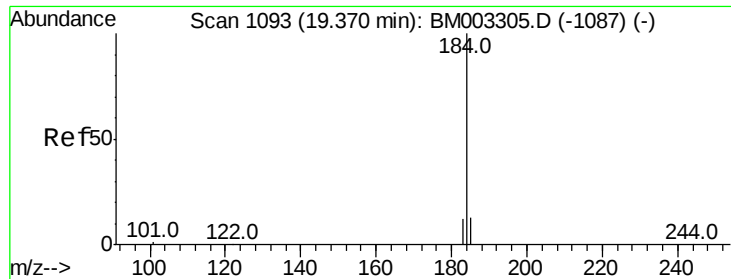
Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tgt Ion:	240	Resp:	208545
Ion Ratio	Lower	Upper	
240	100		
120	15.3	1.0	1.4#
236	31.7	17.9	26.9#





#27

Benzidine

Concen: 1.32 ng

RT: 19.37 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

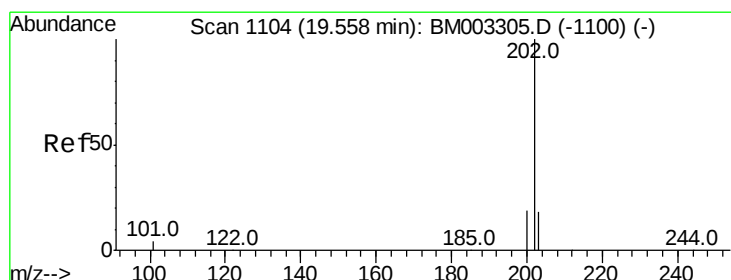
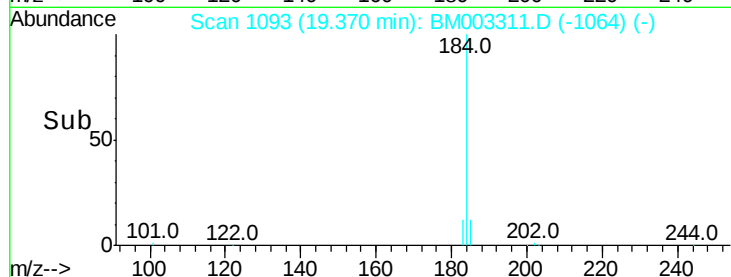
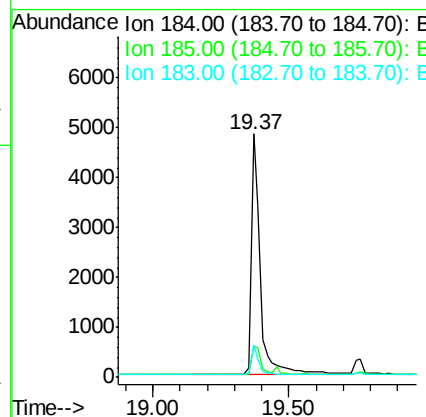
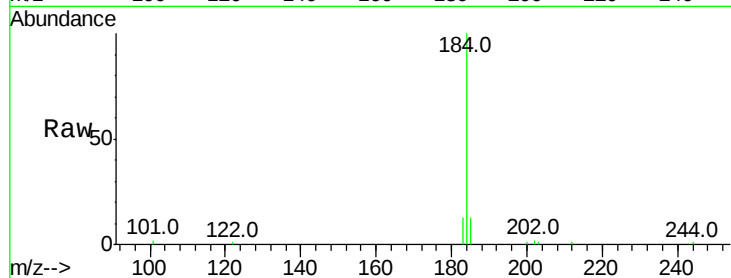
ClientSampleId :

SSTDCCC001

Tot Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.6	17.4
183	13.4	8.6	13.0

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#28

Pyrene

Concen: 0.93 ng

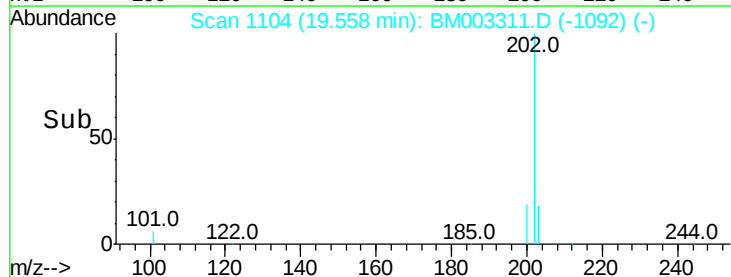
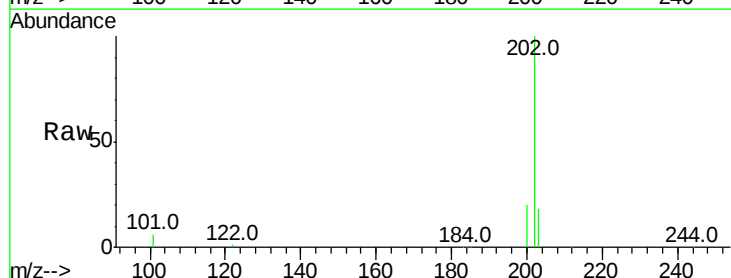
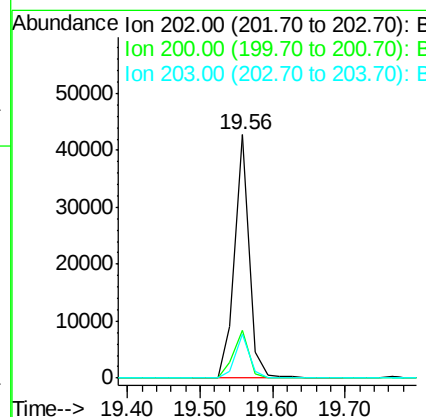
RT: 19.56 min Scan# 1104

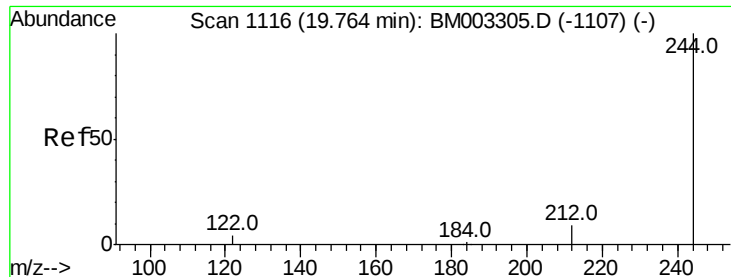
Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.7	25.1
203	17.6	13.8	20.6





#29

Terphenyl-d14

Concen: 0.96 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion:244 Resp: 27888

Ion Ratio Lower Upper

244 100

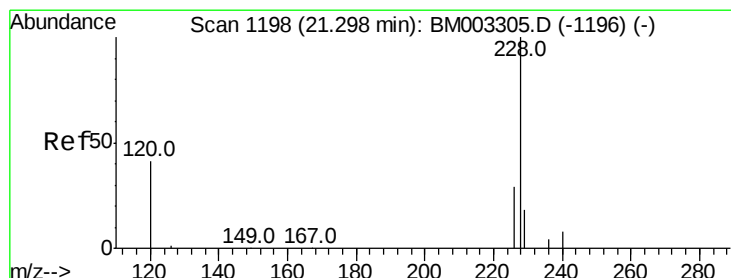
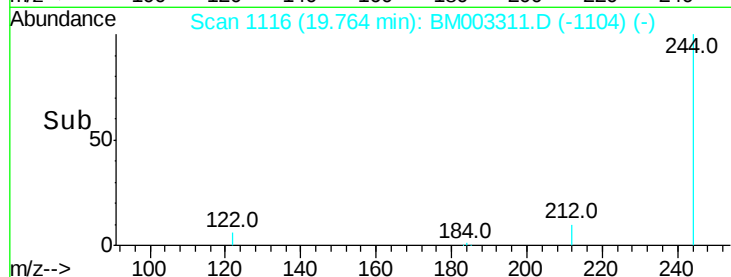
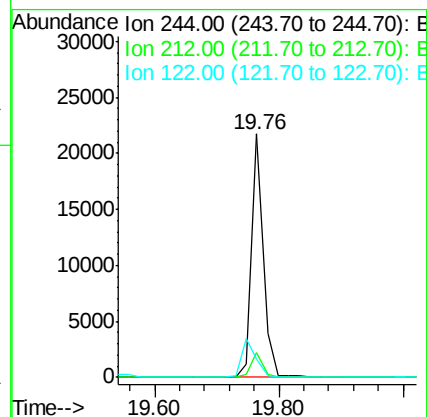
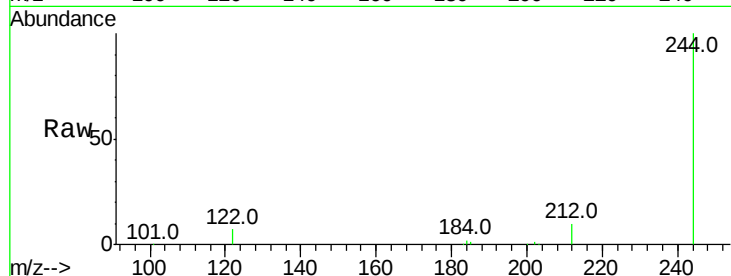
212 9.9 6.5 9.7#

122 7.4 2.0 3.0#

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#30

Benzo(a)anthracene

Concen: 1.01 ng m

RT: 21.30 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

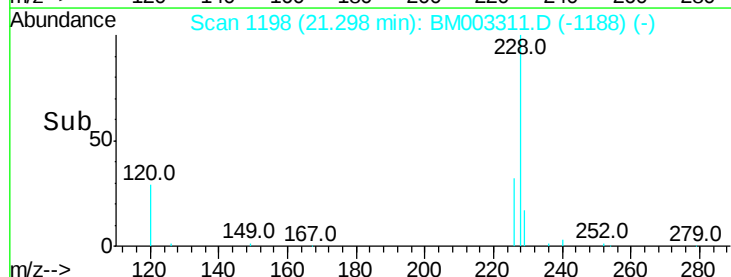
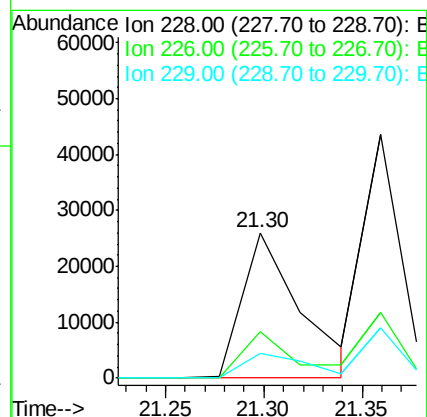
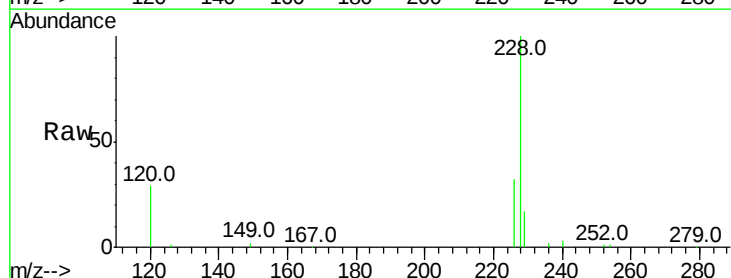
Tgt Ion:228 Resp: 53539

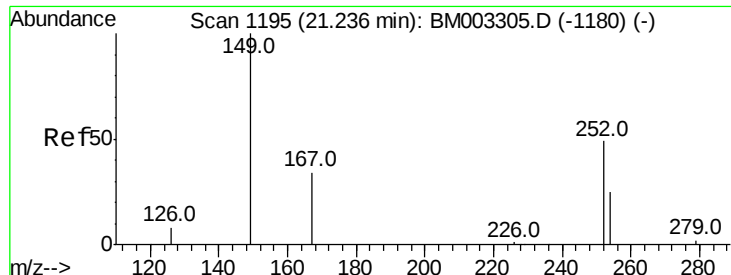
Ion Ratio Lower Upper

228 100

226 31.8 17.8 26.6#

229 16.7 18.0 27.0#





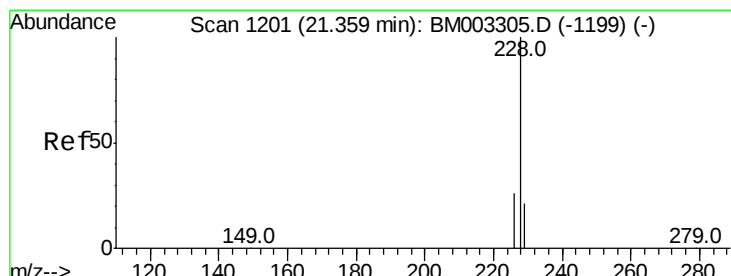
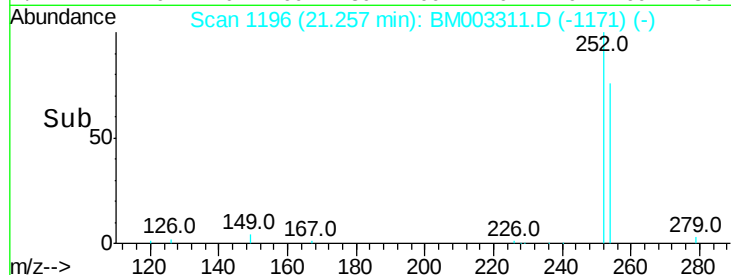
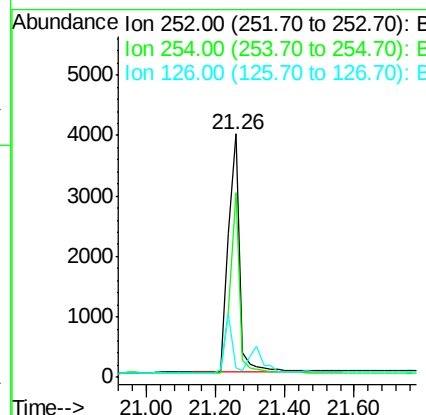
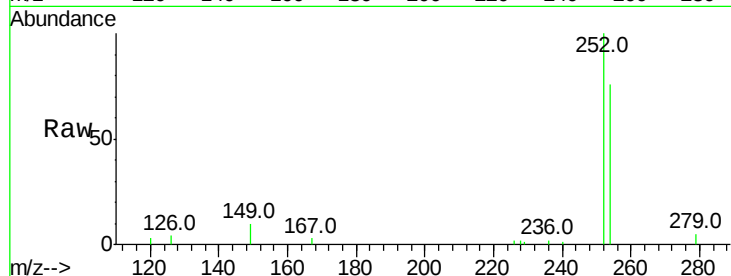
#31
 3,3'-Dichlorobenzidine
 Concen: 0.93 ng
 RT: 21.26 min Scan# 1196
 Delta R.T. 0.02 min
 Lab File: BM003311.D
 Acq: 27 Nov 2015 19:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tot Ion	Ratio	Lower	Upper
252	100		
254	76.0	53.7	80.5
126	4.0	2.8	4.2

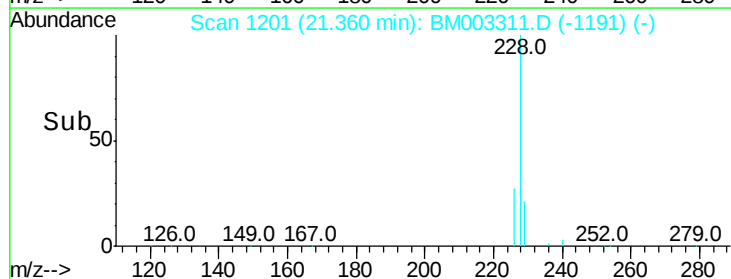
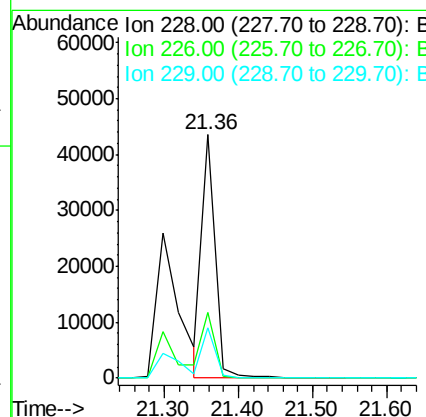
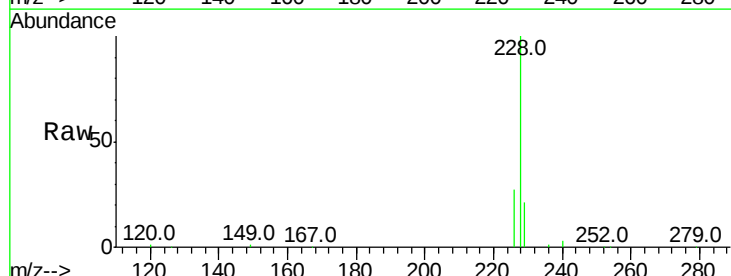
Manual Integrations
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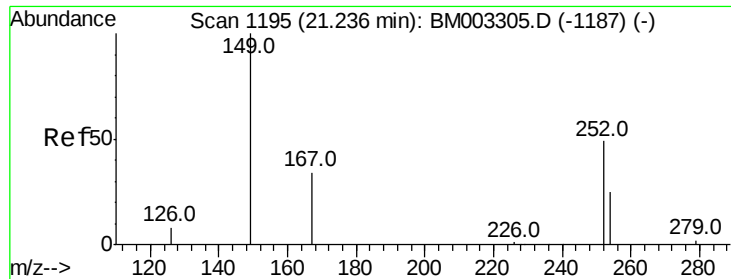
Mmdadoda
 11/30/2015 5:45:48 PM



#32
 Chrysene
 Concen: 0.98 ng m
 RT: 21.36 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BM003311.D
 Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	25.5	38.3
229	20.7	14.3	21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.06 ng

RT: 21.24 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion:149 Resp: 17239

Ion Ratio Lower Upper

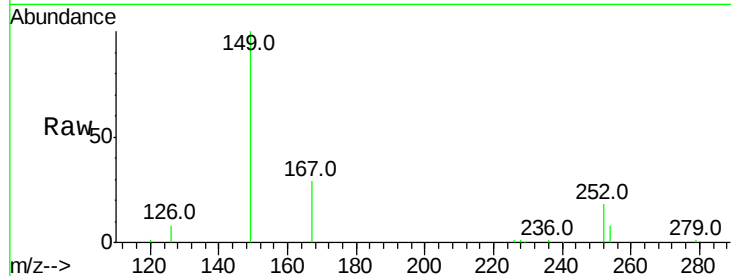
149 100

167 28.0 19.6 29.4

279 0.0 0.0 0.0

Manual Integrations
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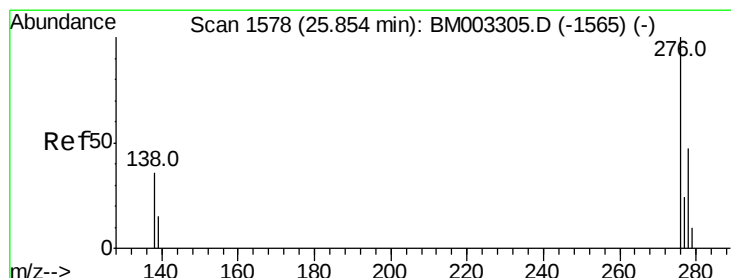
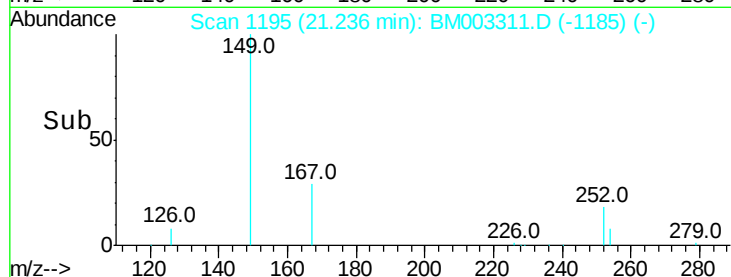
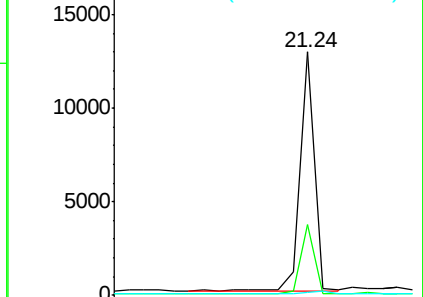
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11/30/2015 5:45:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

RT: 25.86 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

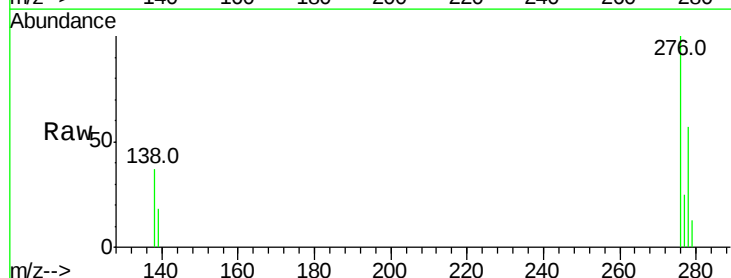
Tgt Ion:276 Resp: 48206

Ion Ratio Lower Upper

276 100

138 37.4 19.1 28.7#

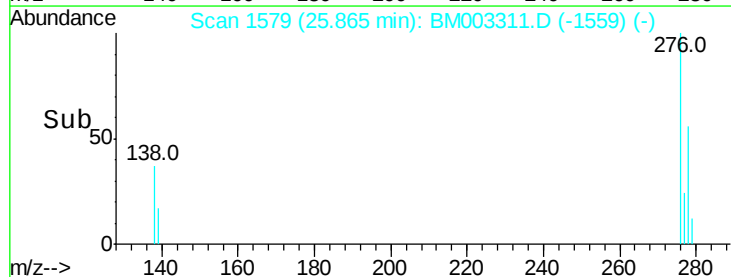
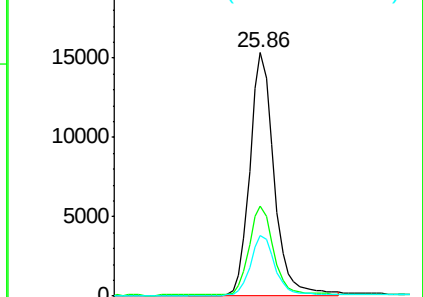
277 24.8 15.9 23.9#

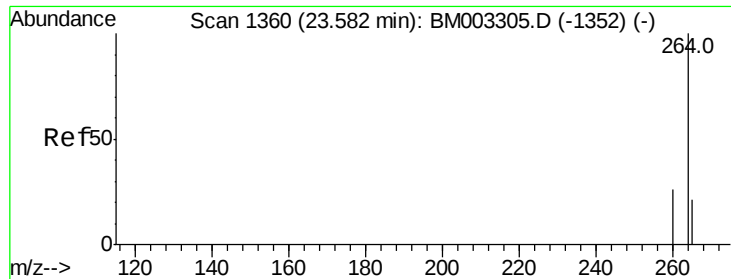


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





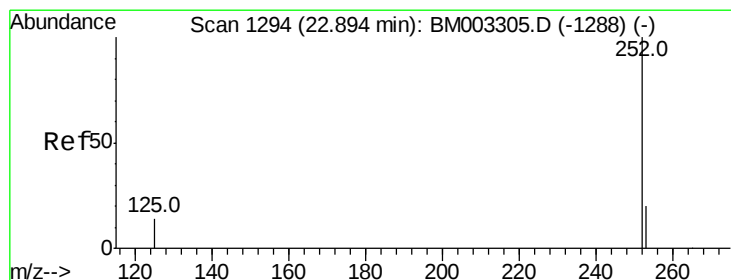
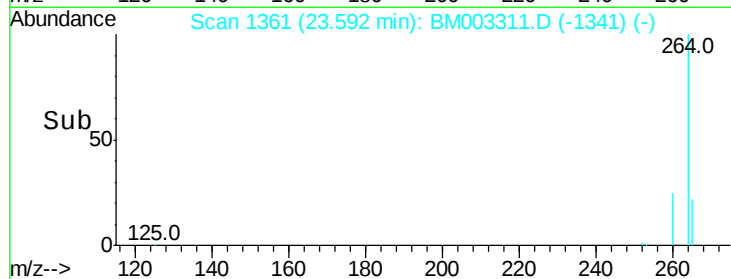
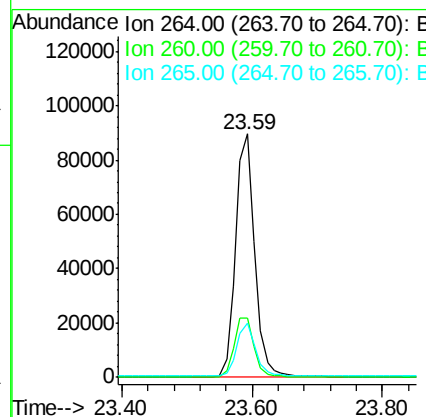
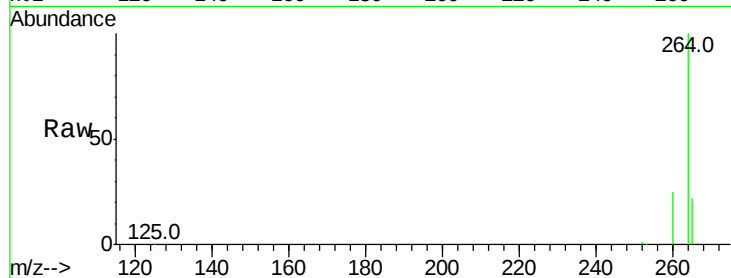
#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.59 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BM003311.D
 Acq: 27 Nov 2015 19:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.2	18.4	27.6

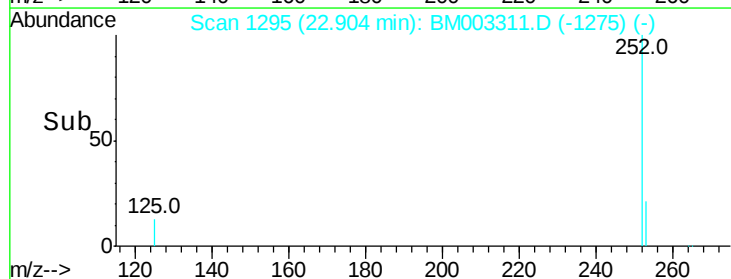
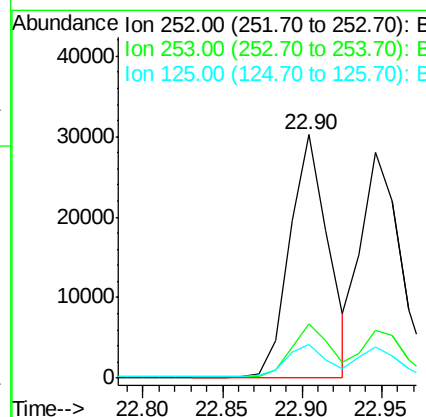
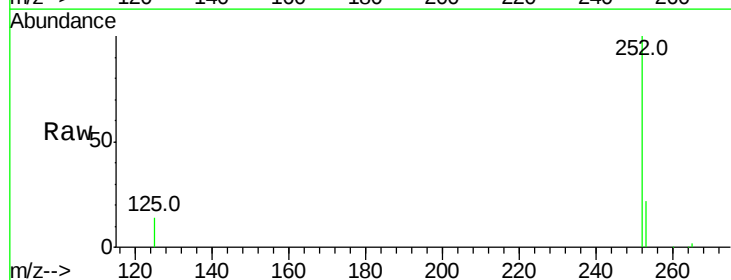
Manual Integrations
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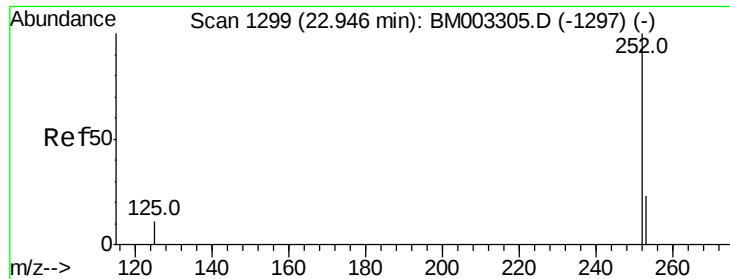
Mmdadoda
 11/30/2015 5:45:48 PM



#36
 Benzo(b)fluoranthene
 Concen: 0.96 ng
 RT: 22.90 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BM003311.D
 Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	13.7	10.3	15.5





#37

Benzo(k)fluoranthene

Concen: 1.03 ng

RT: 22.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Instrument :

BNA_M

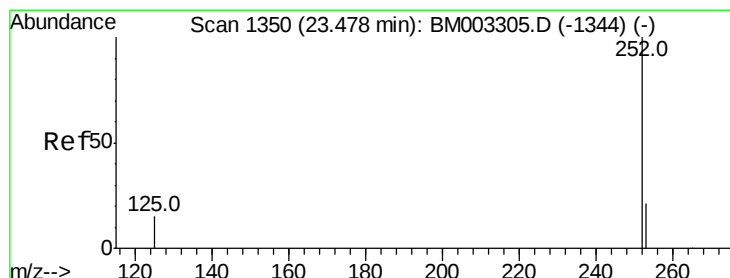
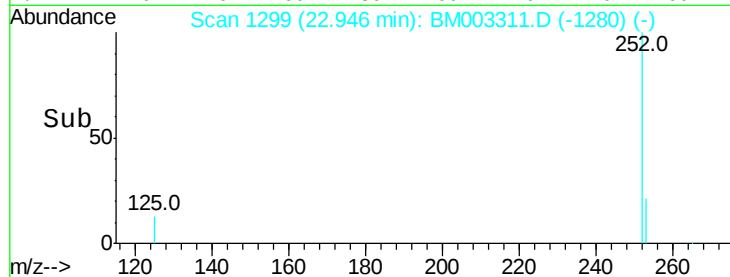
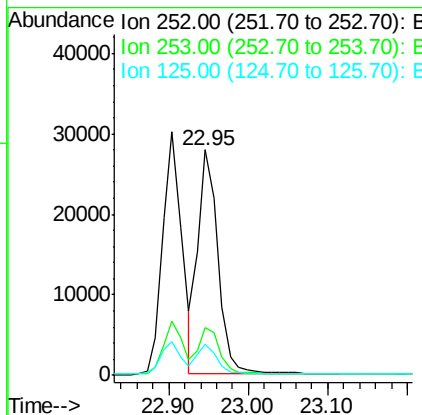
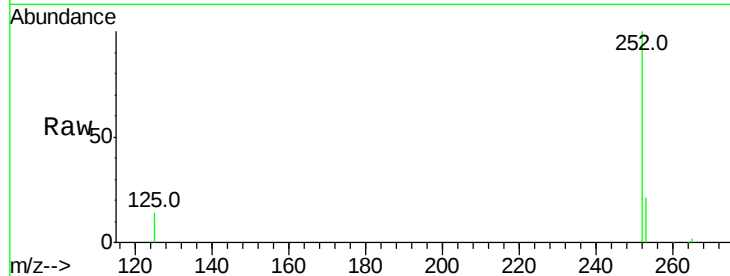
ClientSampleId :

SSTDCCC001

Tot Ion:	252	Resp:	48756
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	13.9	10.7	16.1

Manual Integrations
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11/30/2015 5:45:48 PM



#38

Benzo(a)pyrene

Concen: 0.97 ng

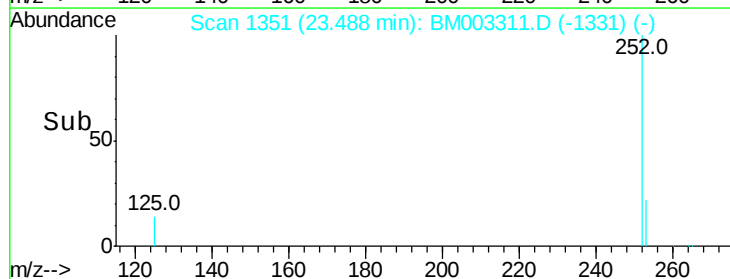
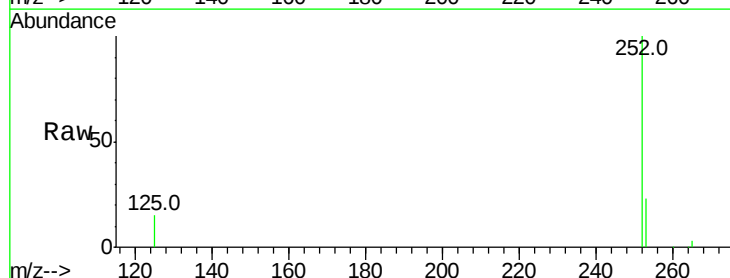
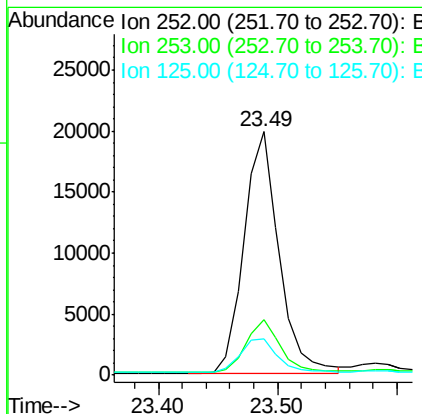
RT: 23.49 min Scan# 1351

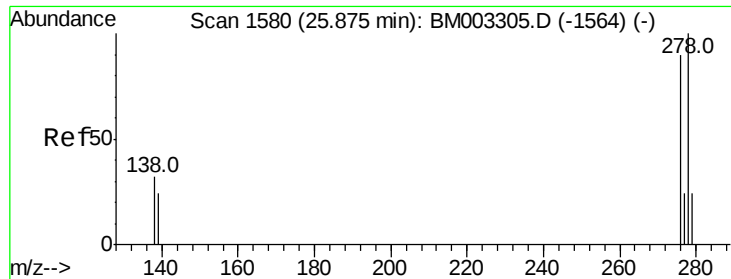
Delta R.T. 0.01 min

Lab File: BM003311.D

Acq: 27 Nov 2015 19:09

Tgt Ion:	252	Resp:	40318
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.7	28.1
125	15.1	11.6	17.4





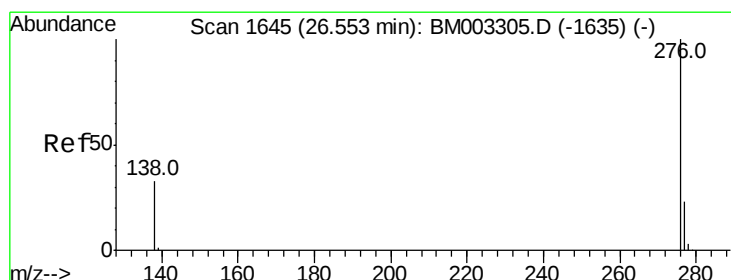
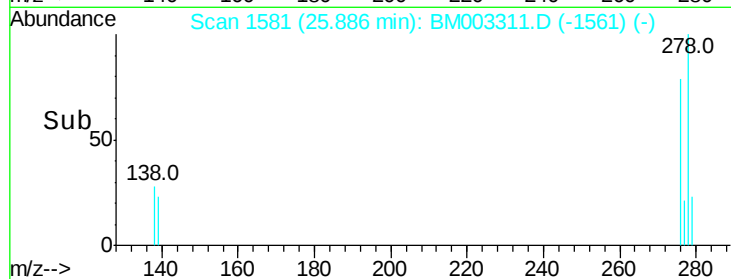
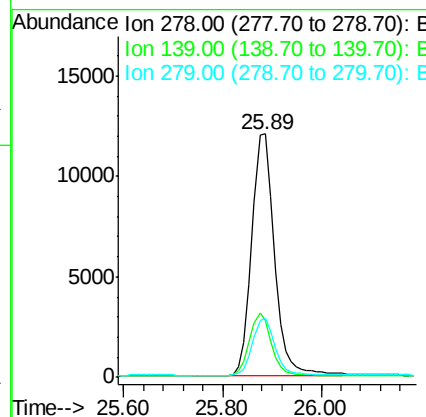
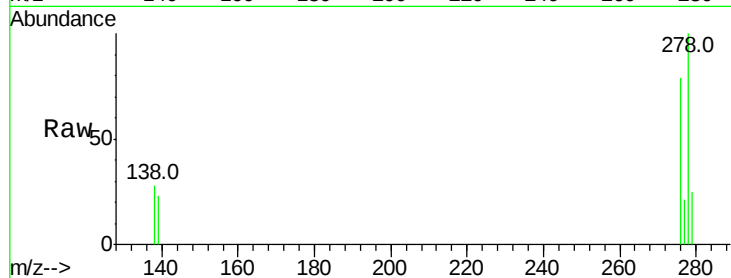
#39
Dibenzo(a,h)anthracene
Concen: 1.05 ng
RT: 25.89 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.2	27.4
279	24.5	18.8	28.2

Manual Integrations
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#40
Benzo(g,h,i)perylene
Concen: 0.99 ng
RT: 26.56 min Scan# 1646
Delta R.T. 0.01 min
Lab File: BM003311.D
Acq: 27 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	32.5	22.3	33.5

