

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103118\
 Data File : BN003367.D
 Acq On : 31 Oct 2018 11:43
 Operator : MJ/SJ
 Sample : J4934-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FT-DUP03-20180912RE

Quant Time: Oct 31 14:12:46 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	27	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	71	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	33	0.40	ng	-0.02
19) Phenanthrene-d10	17.23	188	68	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	342	0.40	ng	-0.01
34) Perylene-d12	23.73	264	80	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	17	0.25	ng	0.00
5) Phenol-d6	7.02	99	16	0.19	ng	0.00
8) Nitrobenzene-d5	9.05	82	46	1.48	ng	0.03
11) 2-Methylnaphthalene-d10	12.24	152	41	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	8	0.61	ng	-0.01
15) 2-Fluorobiphenyl	13.12	172	66	0.46	ng	-0.01
25) Fluoranthene-d10	19.26	212	71	0.36	ng	-0.01
29) Terphenyl-d14	19.85	244	247	0.31	ng	-0.01

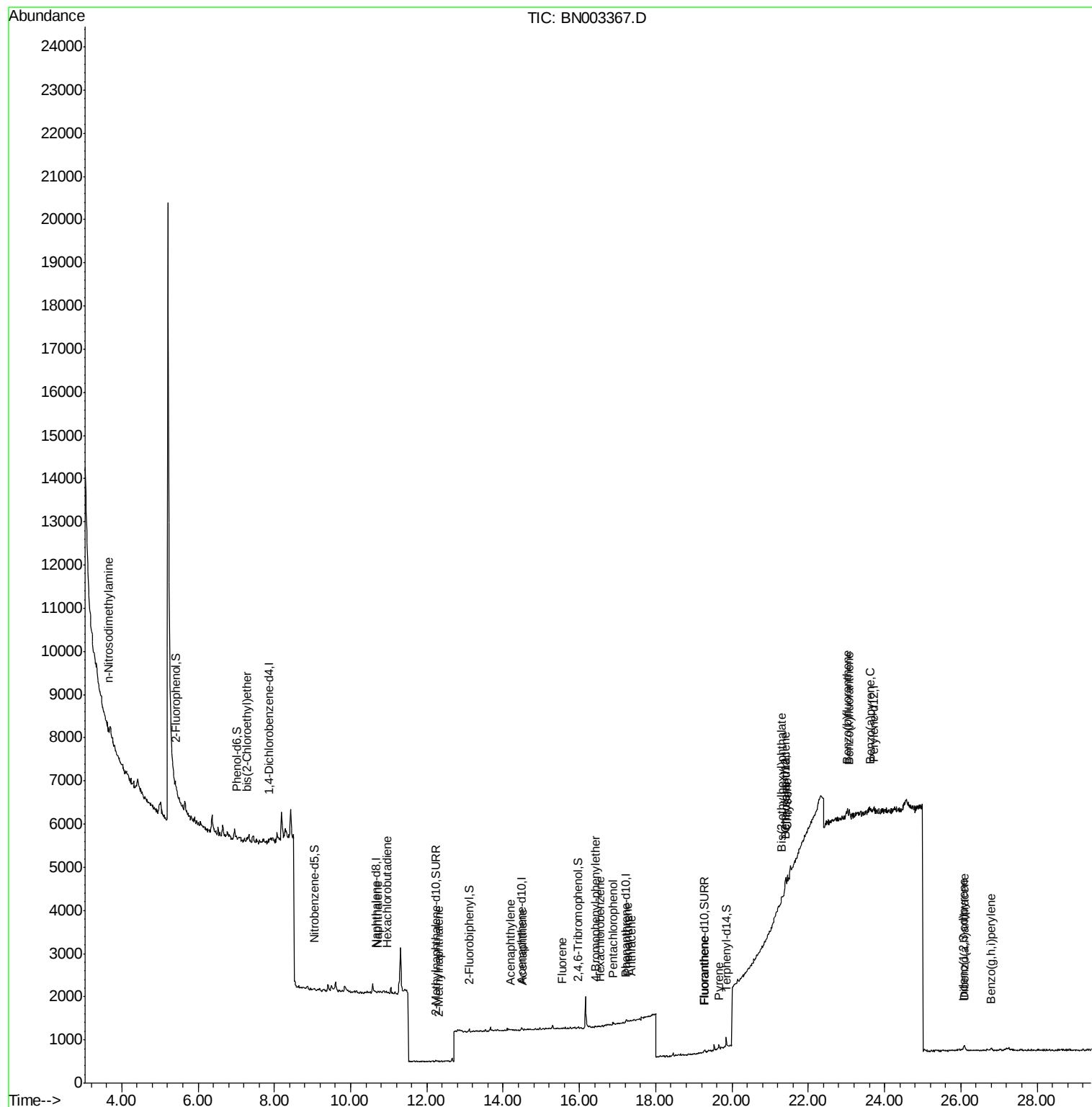
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.66	42	68	4.226	ng	# 1
6) bis(2-Chloroethyl)ether	7.29	93	8	0.106	ng	# 25
9) Naphthalene	10.71	128	31	0.178	ng	# 1
10) Hexachlorobutadiene	10.96	225	11	0.347	ng	# 41
12) 2-Methylnaphthalene	12.31	142	11	0.091	ng	# 26
16) Acenaphthylene	14.20	152	24	0.163	ng	# 61
17) Acenaphthene	14.52	154	3	0.029	ng	# 5
18) Fluorene	15.55	166	29	0.227	ng	# 9
20) 4-Bromophenyl-phenylether	16.42	248	4	0.102	ng	# 42
21) Hexachlorobenzene	16.54	284	10	0.241	ng	# 8
22) Pentachlorophenol	16.88	266	24	2.133	ng	# 62
23) Phenanthrene	17.27	178	58	0.311	ng	# 54
24) Anthracene	17.37	178	32	0.200	ng	# 40
26) Fluoranthene	19.29	202	55	0.257	ng	# 22
28) Pyrene	19.65	202	61	0.065	ng	# 89
30) Benzo(a)anthracene	21.40	228	135	0.151	ng	# 22
31) Chrysene	21.45	228	231	0.239	ng	# 59
32) Bis(2-ethylhexyl)phthalate	21.31	149	246	0.928	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.07	276	50	0.050	ng	# 84
35) Benzo(b)fluoranthene	23.02	252	285	1.142	ng	# 1
36) Benzo(k)fluoranthene	23.07	252	35	0.142	ng	# 1
37) Benzo(a)pyrene	23.61	252	41	0.181	ng	# 1
38) Dibenzo(a,h)anthracene	26.09	278	144	0.680	ng	# 1
39) Benzo(g,h,i)perylene	26.80	276	58	0.274	ng	# 1

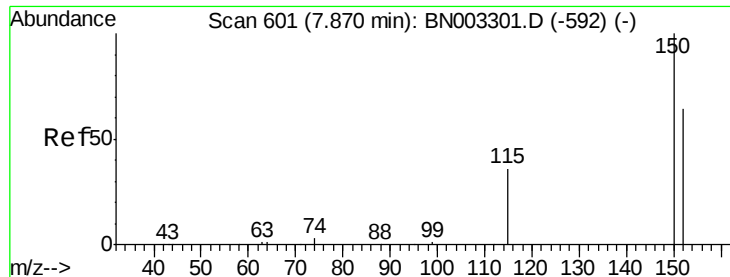
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

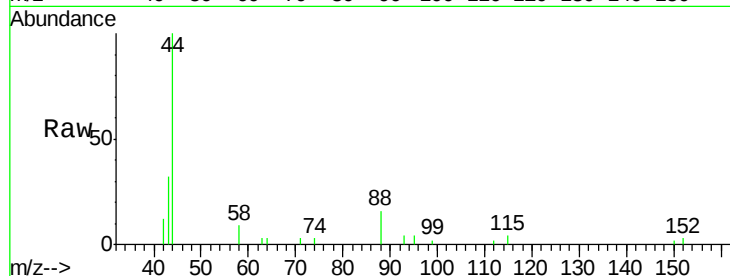
Tgt Ion: 152 Resp: 27

Ion Ratio Lower Upper

152 100

150 94.4 124.6 187.0#

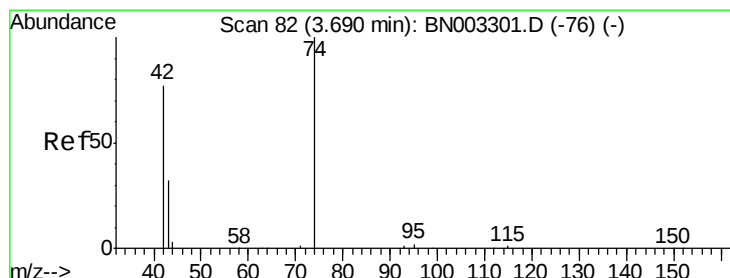
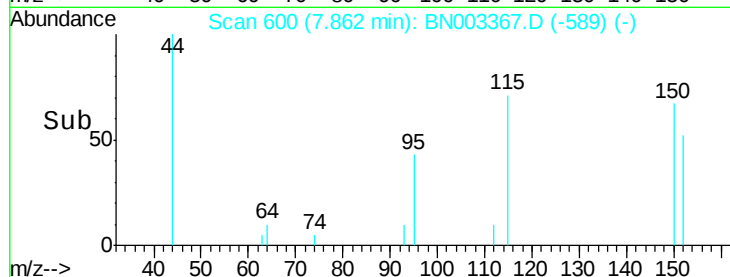
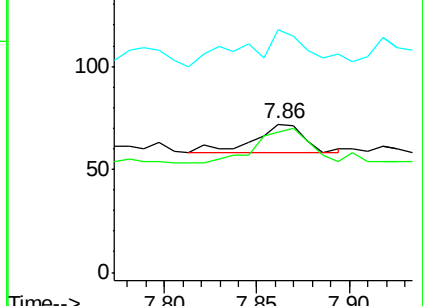
115 163.9 46.4 69.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 4.226 ng

RT: 3.66 min Scan# 78

Delta R.T. -0.03 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

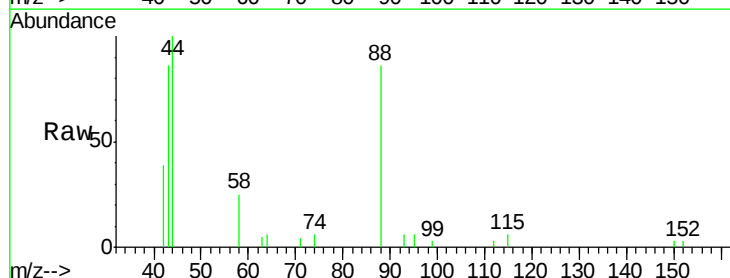
Tgt Ion: 42 Resp: 68

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

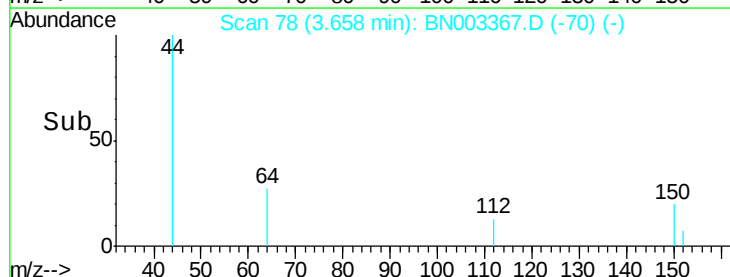
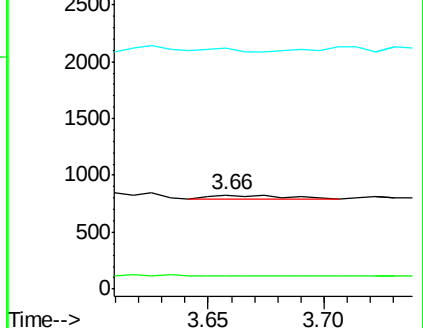
44 0.0 4.2 6.4#

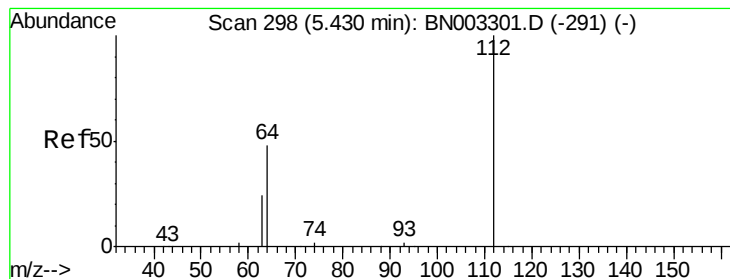


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.254 ng

RT: 5.44 min Scan# 299

Delta R.T. 0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

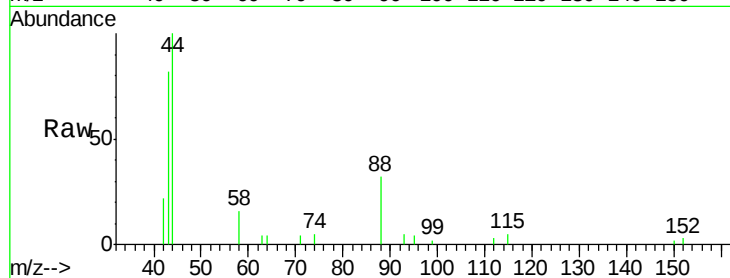
Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

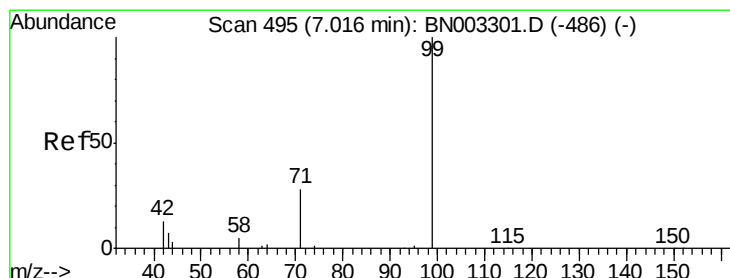
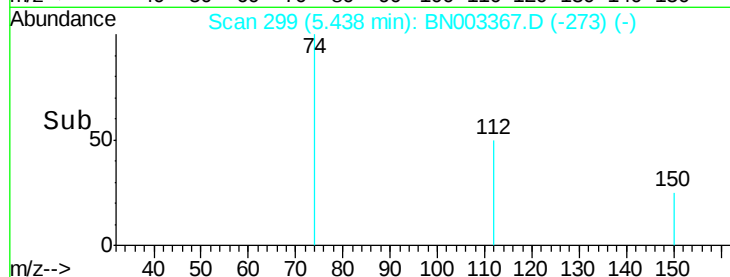
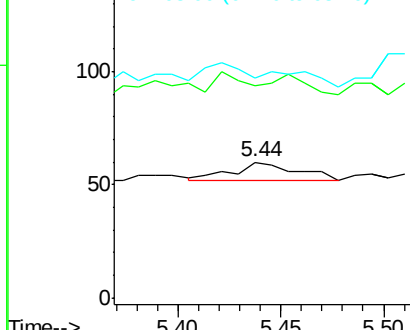
Tgt Ion:	112	Resp:	17
Ion	Ratio	Lower	Upper
112	100		
64	47.1	44.3	66.5
63	58.8	22.4	33.6#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.190 ng

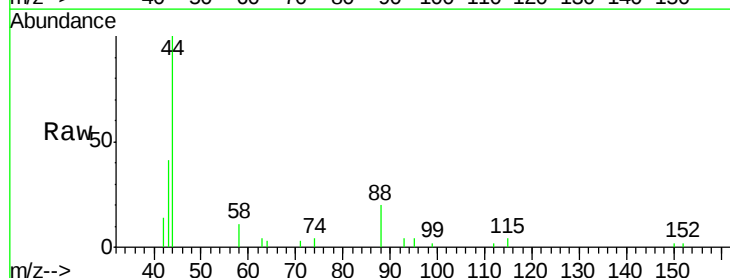
RT: 7.02 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

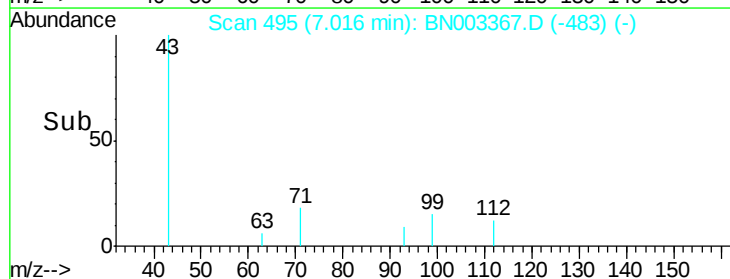
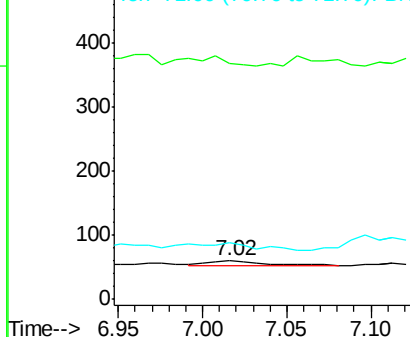
Tgt Ion:	99	Resp:	16
Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.8	22.2#
71	212.5	24.8	37.2#

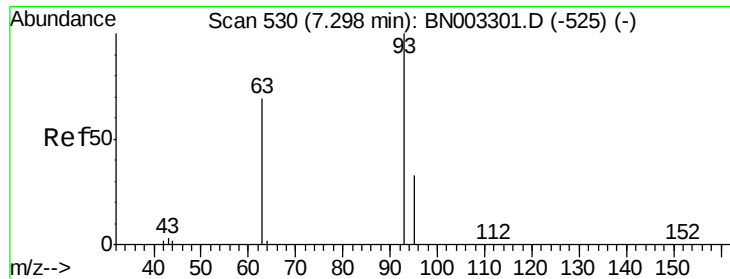


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.106 ng

RT: 7.29 min Scan# 529

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

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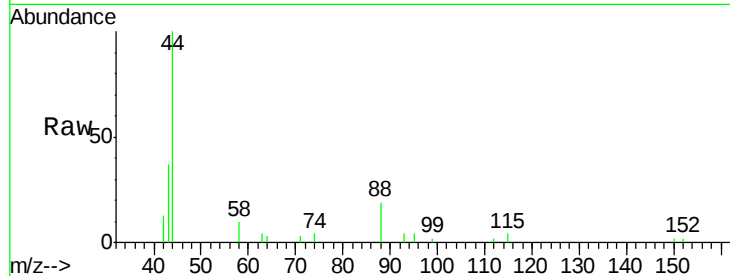
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 137.5 55.8 83.6#

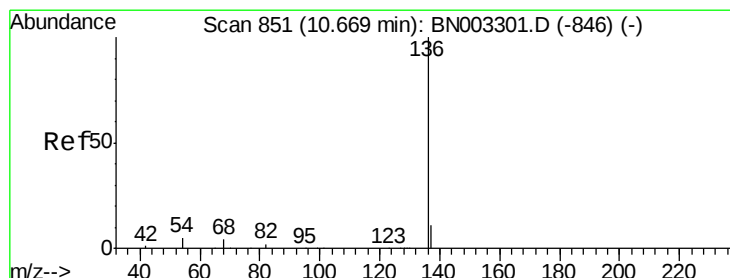
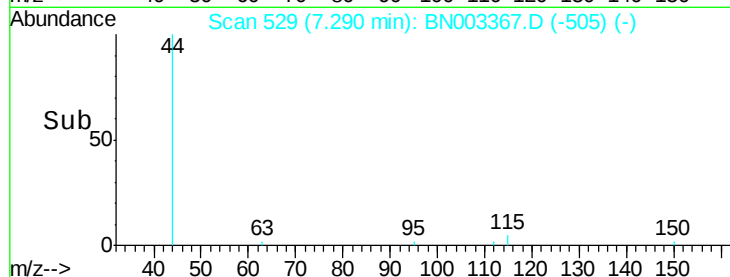
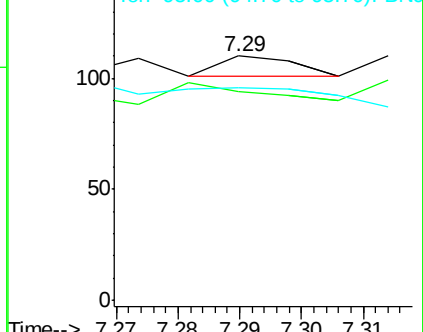
95 0.0 25.4 38.2#



Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Tgt Ion: 136 Resp: 71

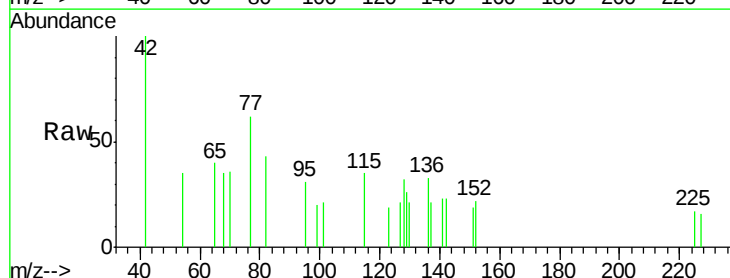
Ion Ratio Lower Upper

136 100

137 64.5 9.0 13.4#

54 105.4 4.1 6.1#

68 106.5 3.5 5.3#

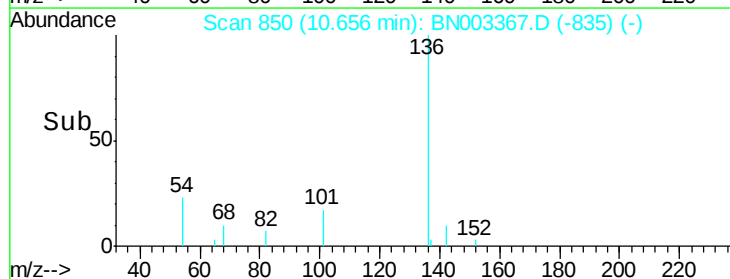
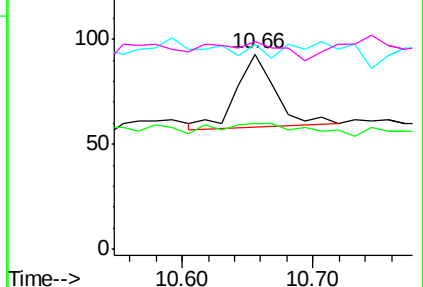


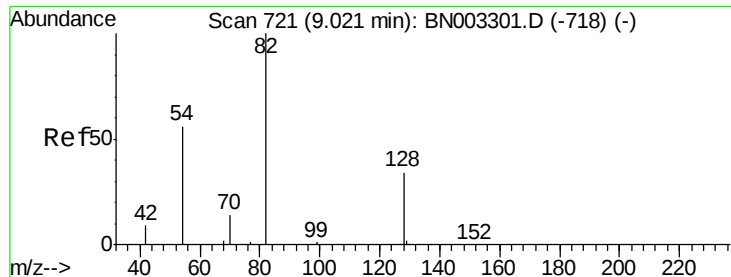
Abundance Ion 136.00 (135.70 to 136.70): BNC

Ion 137.00 (136.70 to 137.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC





#8

Nitrobenzene-d5

Concen: 1.479 ng

RT: 9.05 min Scan# 723

Delta R.T. 0.03 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

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ClientSampleId :

FT-DUP03-20180912RE

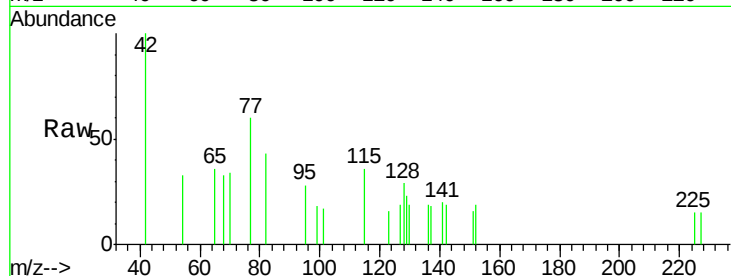
Tgt Ion: 82 Resp: 46

Ion Ratio Lower Upper

82 100

128 68.8 28.9 43.3#

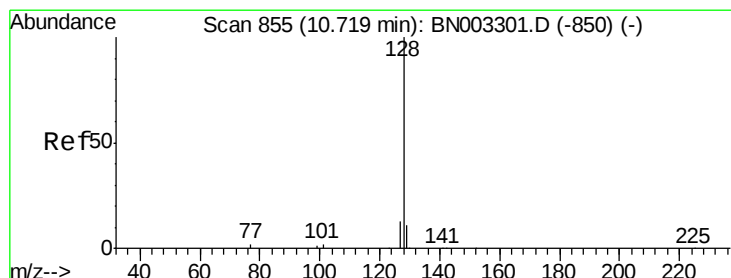
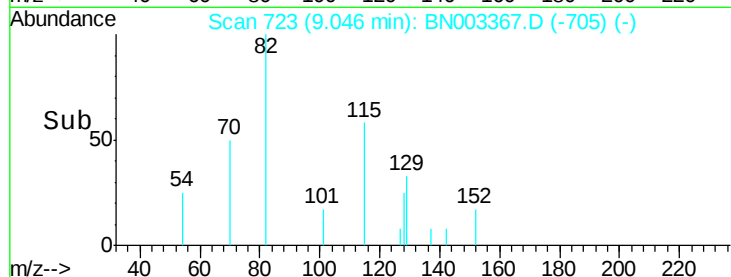
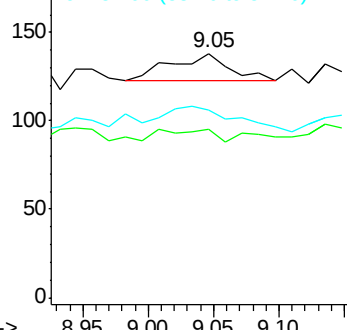
54 76.8 46.1 69.1#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.178 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

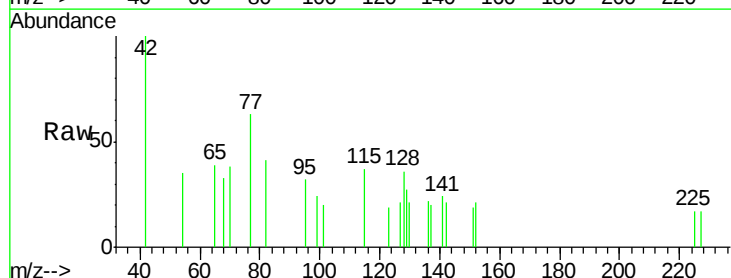
Tgt Ion: 128 Resp: 31

Ion Ratio Lower Upper

128 100

129 74.5 9.1 13.7#

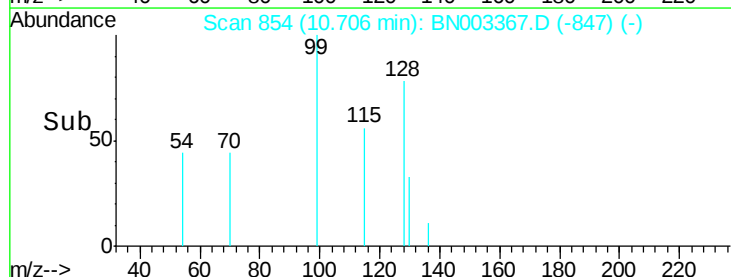
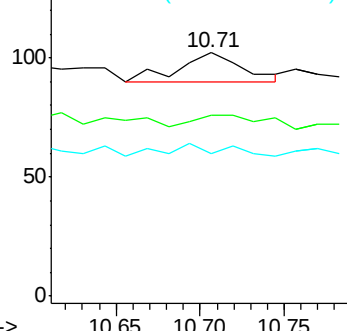
127 58.8 10.2 15.4#

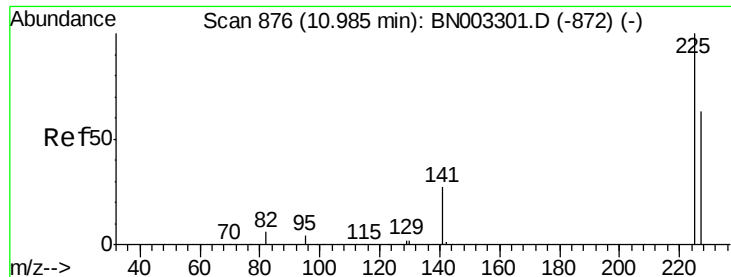


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC

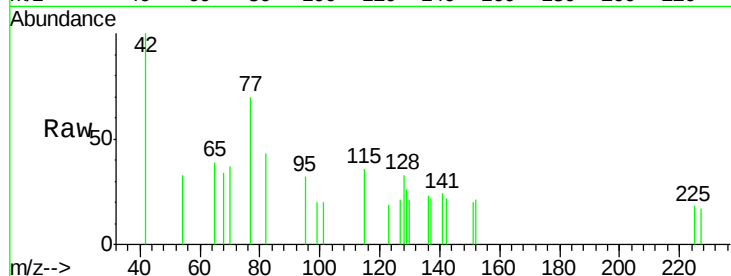




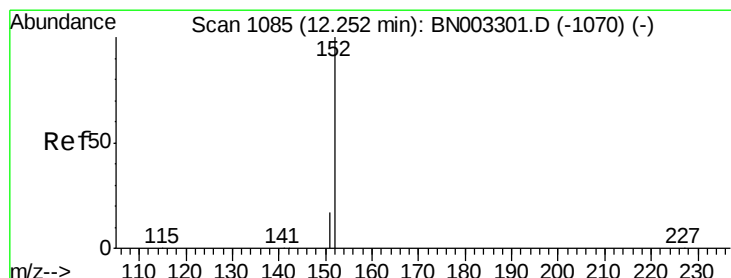
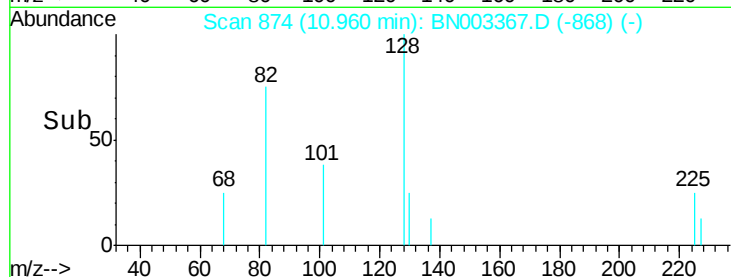
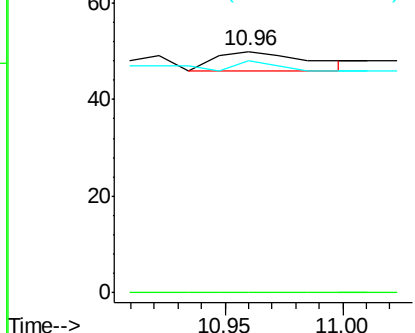
#10
Hexachlorobutadiene
Concen: 0.347 ng
RT: 10.96 min Scan# 874
Delta R.T. -0.03 min
Lab File: BN003367.D
Acq: 31 Oct 2018 11:43

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FT-DUP03-20180912RE

Tgt Ion: 225 Resp: 11
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 18.2 51.3 76.9#

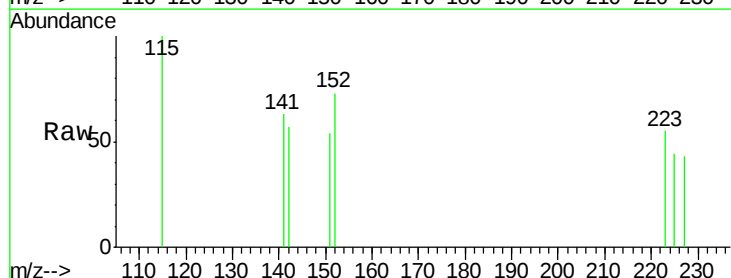


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

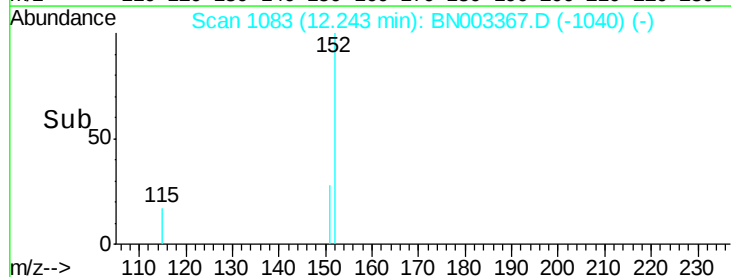
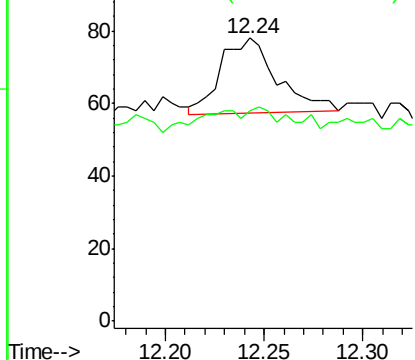


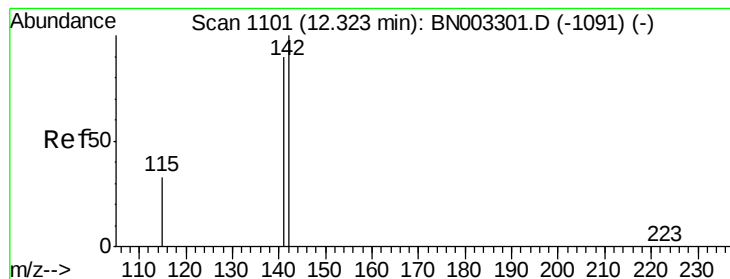
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003367.D
Acq: 31 Oct 2018 11:43

Tgt Ion: 152 Resp: 41
Ion Ratio Lower Upper
152 100
151 14.6 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.091 ng

RT: 12.31 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

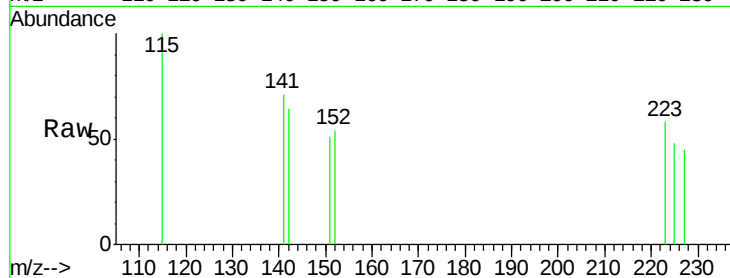
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 110.6 71.9 107.9#

115 156.1 27.0 40.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

150

100

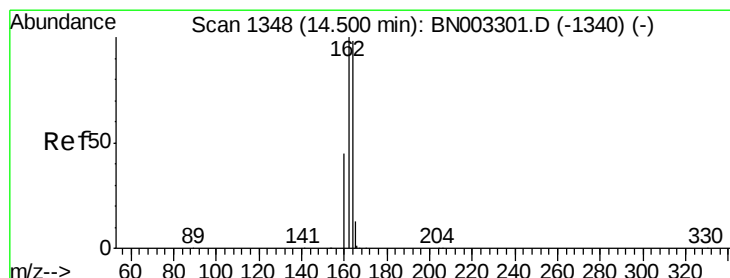
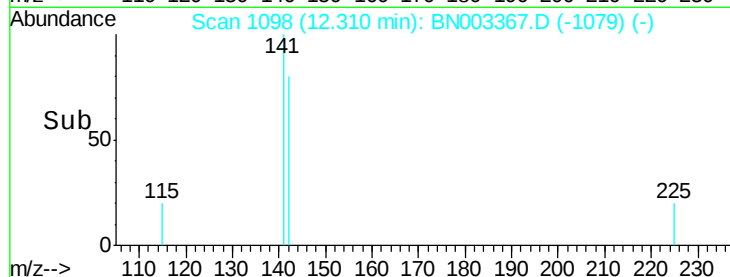
50

0

12.30 12.32 12.34

12.31

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

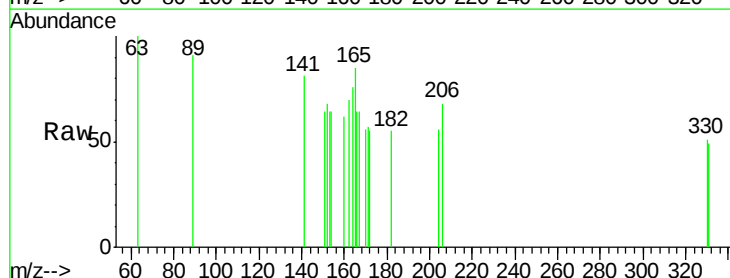
Tgt Ion:164 Resp: 33

Ion Ratio Lower Upper

164 100

162 92.8 81.8 122.6

160 81.2 37.2 55.8#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

80

60

40

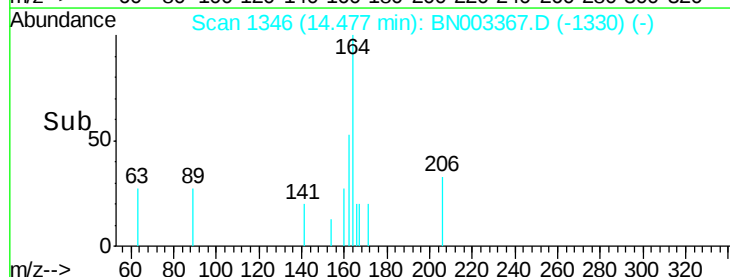
20

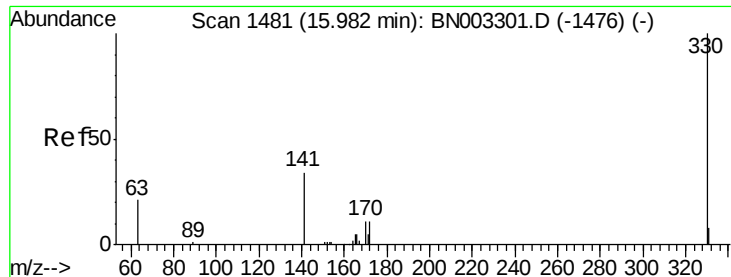
0

14.40 14.45 14.50 14.55

14.48

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.609 ng

RT: 15.97 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

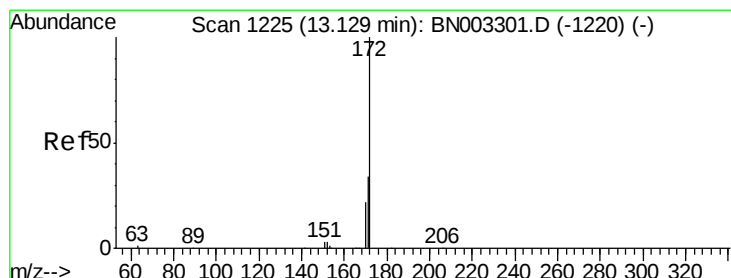
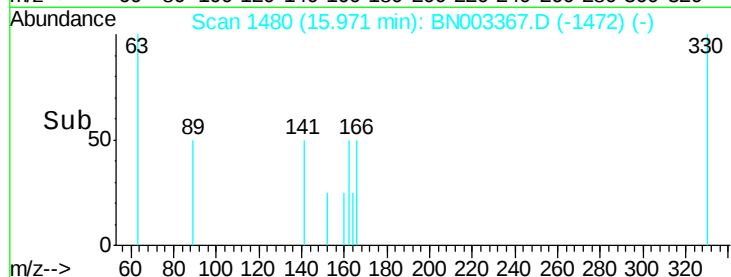
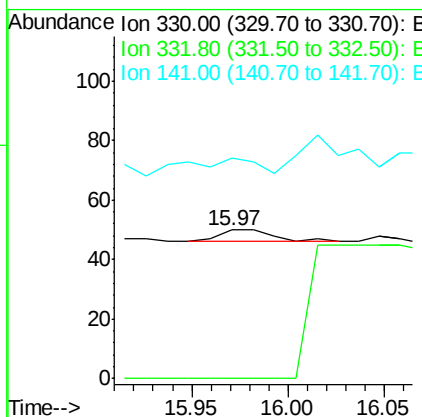
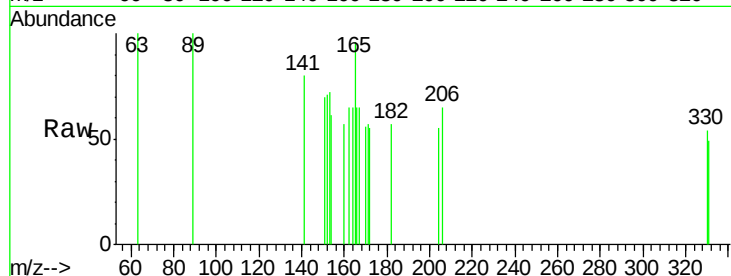
BNA_N

ClientSampleId :

FT-DUP03-20180912RE

Tgt Ion: 330 Resp: 8

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	300.0	28.3	42.5#



#15

2-Fluorobiphenyl

Concen: 0.465 ng

RT: 13.12 min Scan# 1224

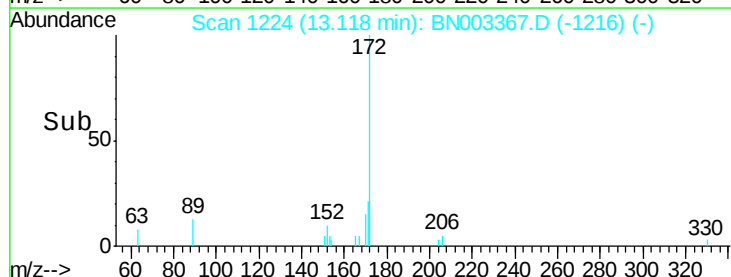
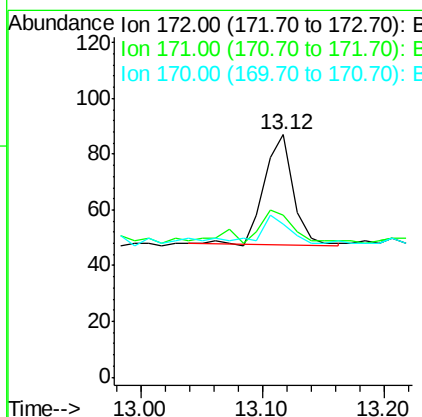
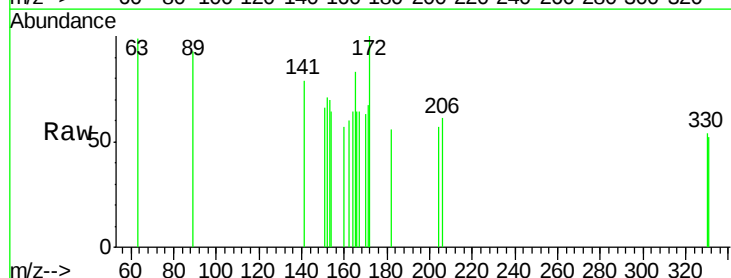
Delta R.T. -0.01 min

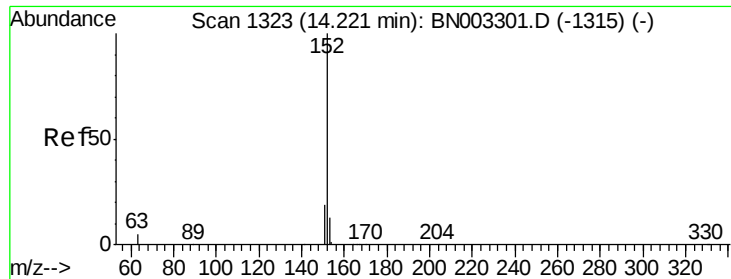
Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Tgt Ion: 172 Resp: 66

Ion	Ratio	Lower	Upper
172	100		
171	66.7	27.1	40.7#
170	63.2	17.4	26.0#





#16

Acenaphthylene

Concen: 0.163 ng

RT: 14.20 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

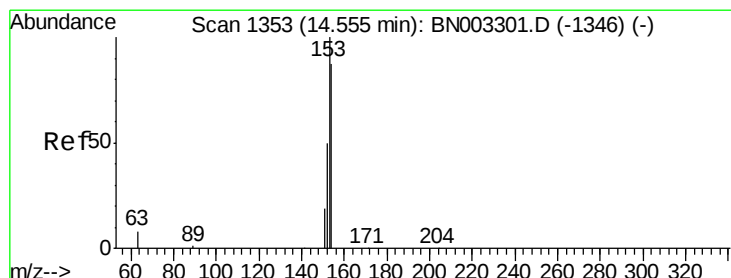
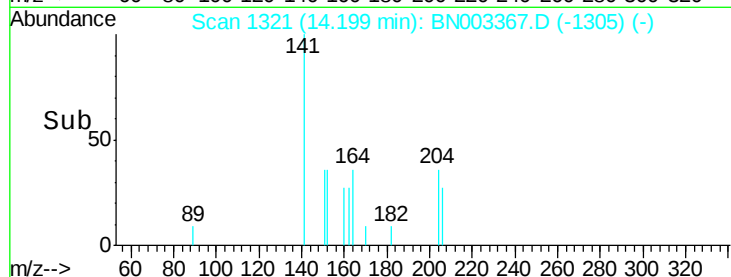
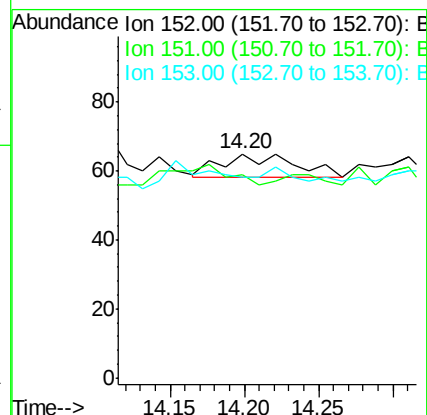
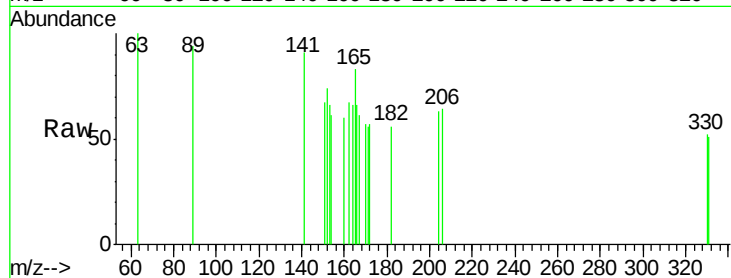
Tgt Ion:152 Resp: 24

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

153 0.0 10.6 15.8#



#17

Acenaphthene

Concen: 0.029 ng

RT: 14.52 min Scan# 1350

Delta R.T. -0.03 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

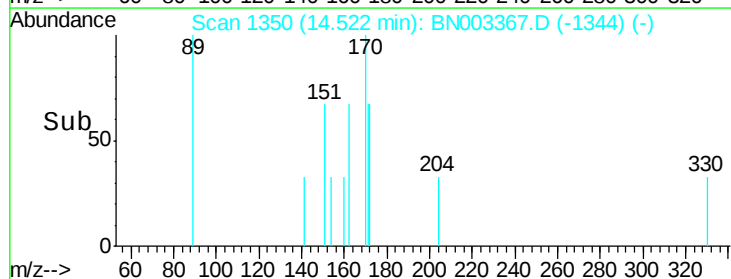
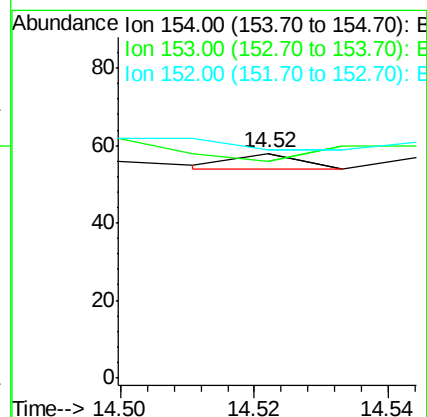
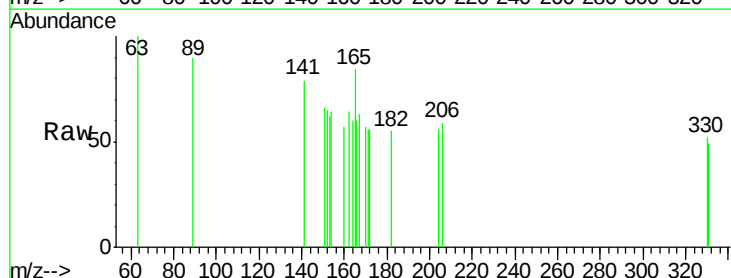
Tgt Ion:154 Resp: 3

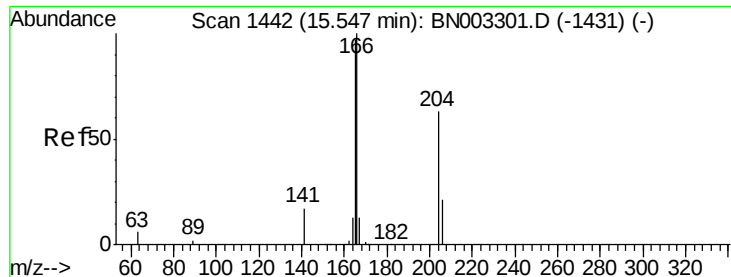
Ion Ratio Lower Upper

154 100

153 0.0 88.9 133.3#

152 0.0 43.5 65.3#





#18

Fluorene

Concen: 0.227 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003367.D

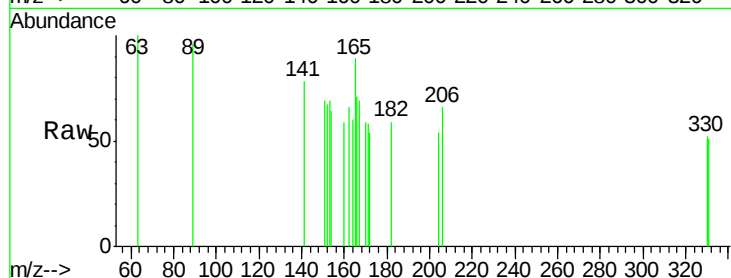
Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE



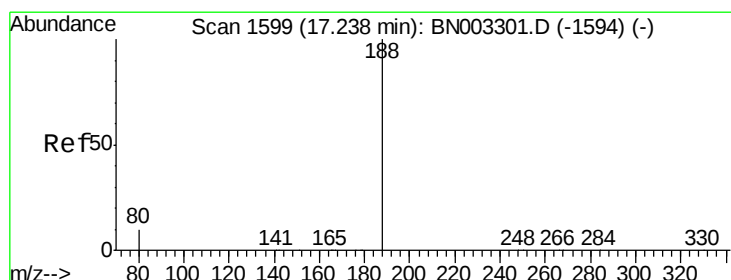
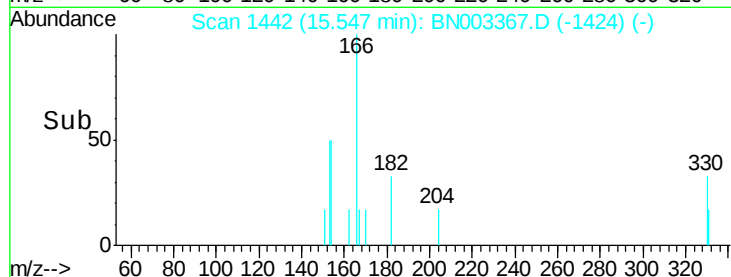
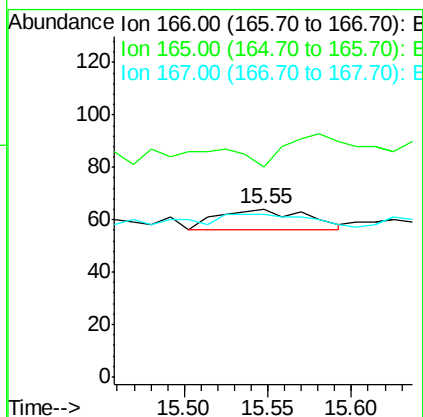
Tgt Ion:166 Resp: 29

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.8#

167 0.0 10.9 16.3#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

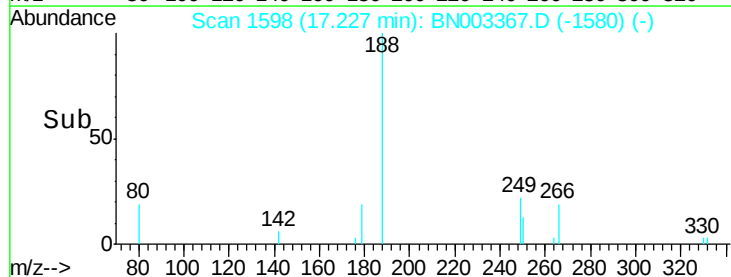
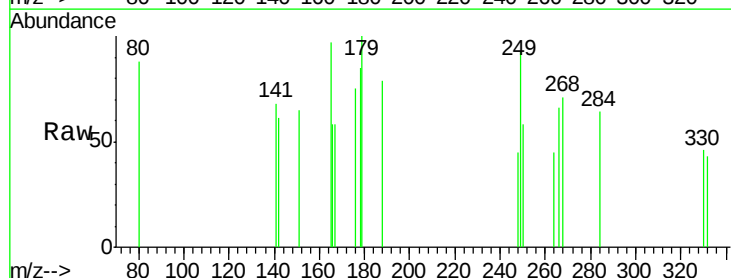
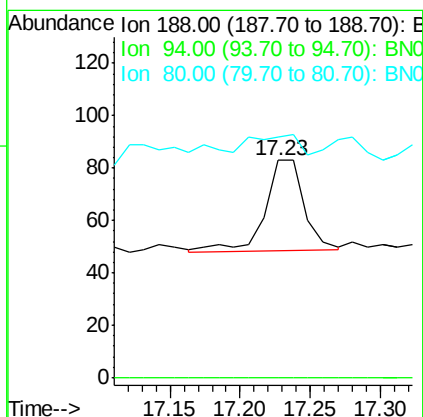
Tgt Ion:188 Resp: 68

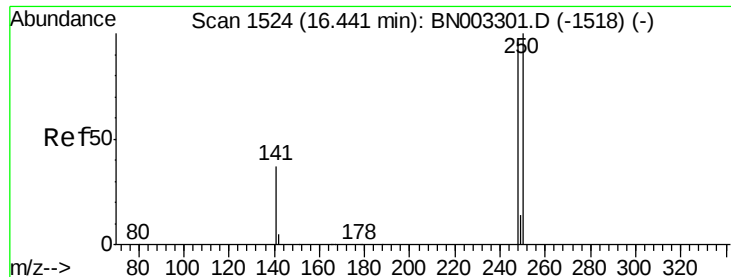
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 110.8 8.6 12.8#

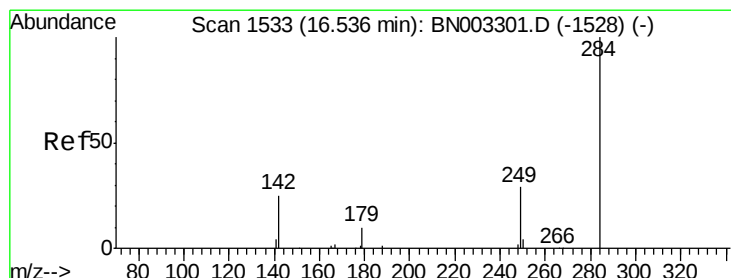
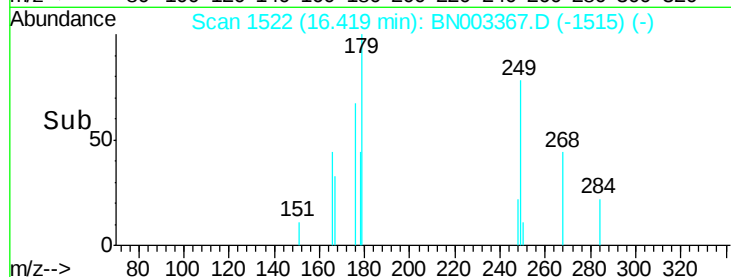
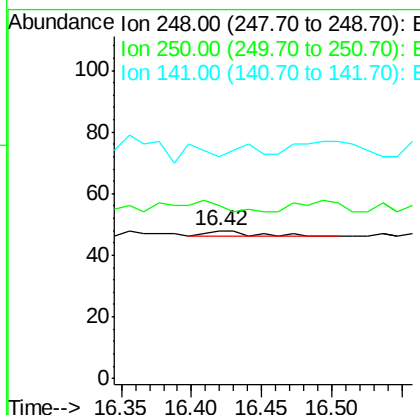
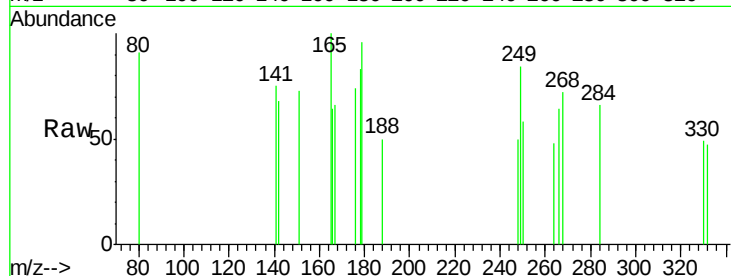




#20
4-Bromophenyl-phenylether
Concen: 0.102 ng
RT: 16.42 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BN003367.D
Acq: 31 Oct 2018 11:43

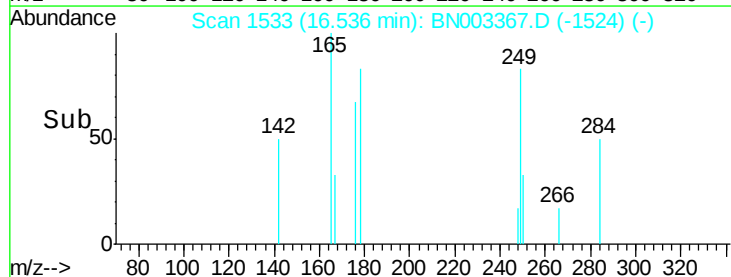
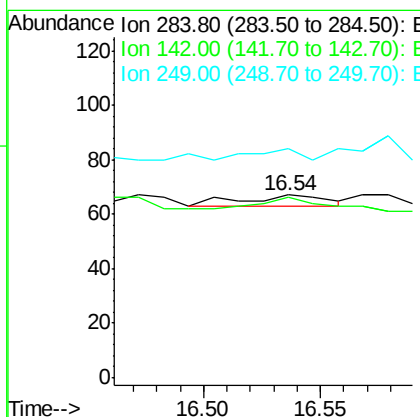
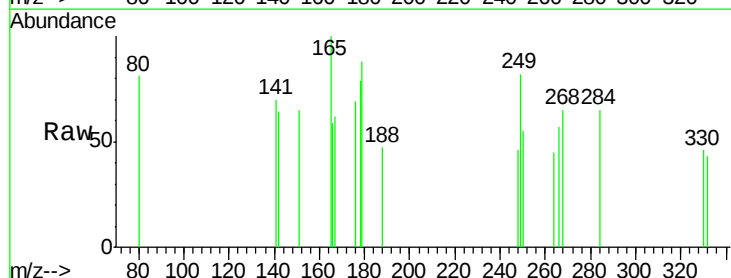
Instrument :
BNA_N
ClientSampleId :
FT-DUP03-20180912RE

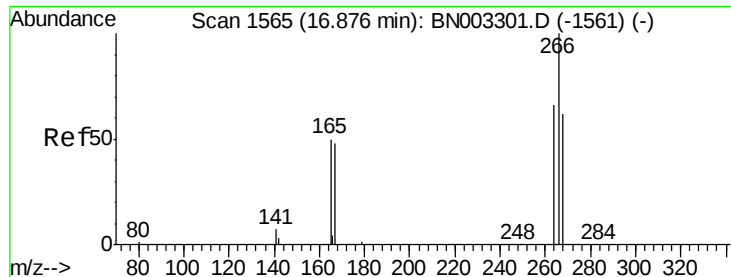
Tgt Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 116.7 83.7 125.5
141 150.0 31.4 47.0#



#21
Hexachlorobenzene
Concen: 0.241 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003367.D
Acq: 31 Oct 2018 11:43

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 110.0 29.7 44.5#
249 60.0 24.0 36.0#

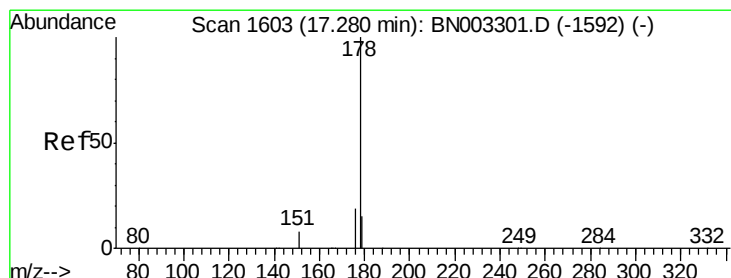
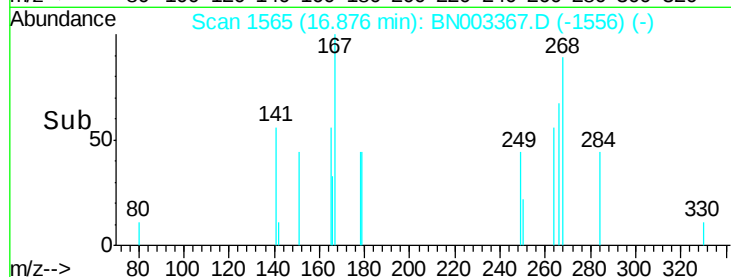
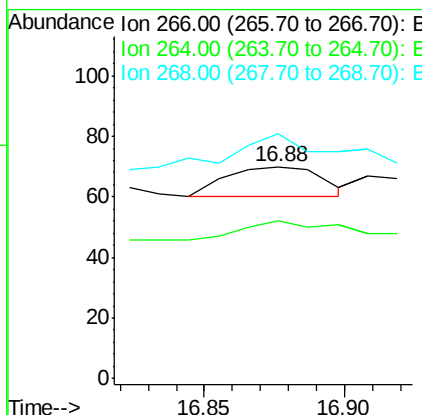
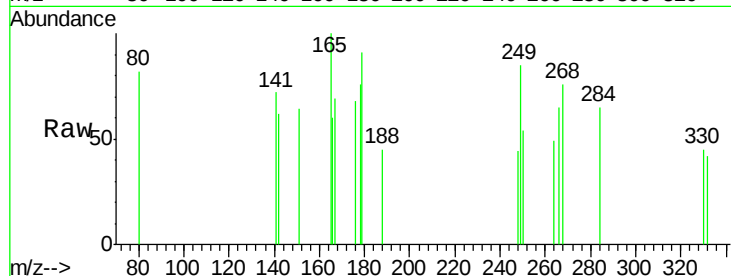




#22
 Pentachlorophenol
 Concen: 2.133 ng
 RT: 16.88 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 11:43

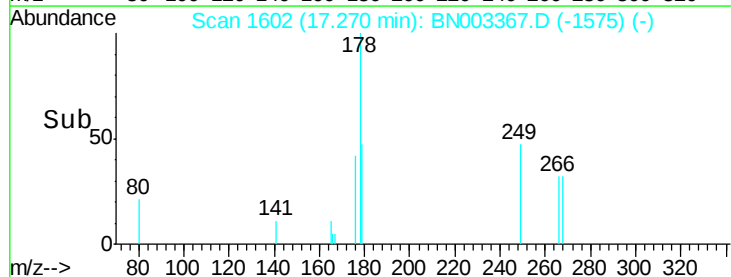
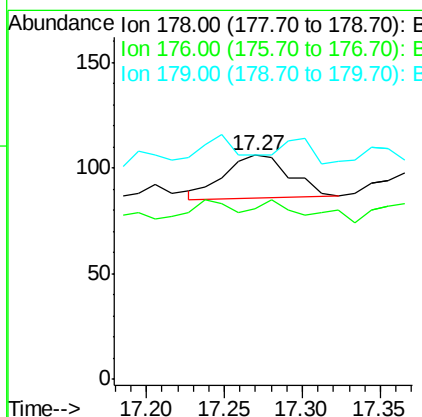
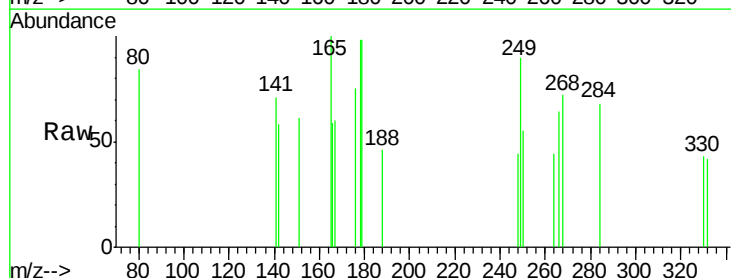
Instrument :
 BNA_N
 ClientSampleId :
 FT-DUP03-20180912RE

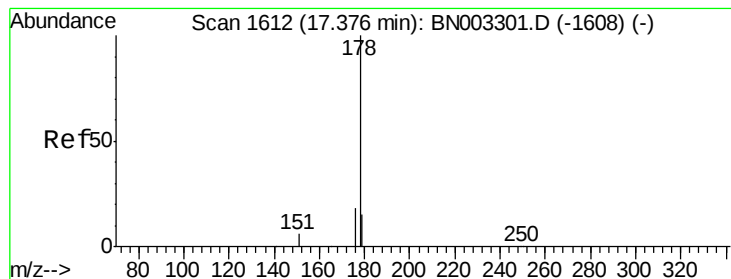
Tgt Ion: 266 Resp: 24
 Ion Ratio Lower Upper
 266 100
 264 74.3 52.1 78.1
 268 115.7 51.8 77.6#



#23
 Phenanthrene
 Concen: 0.311 ng
 RT: 17.27 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 11:43

Tgt Ion: 178 Resp: 58
 Ion Ratio Lower Upper
 178 100
 176 43.1 15.1 22.7#
 179 0.0 12.4 18.6#





#24

Anthracene

Concen: 0.200 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

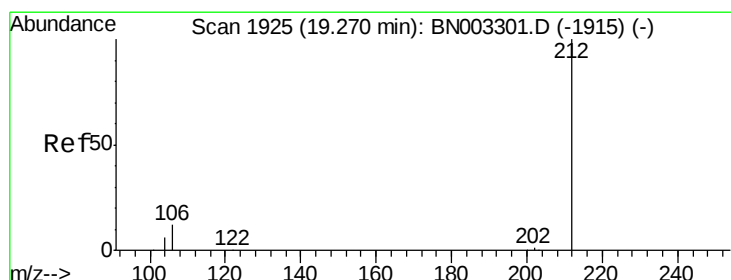
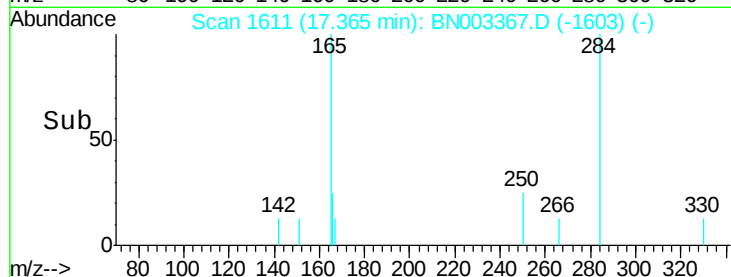
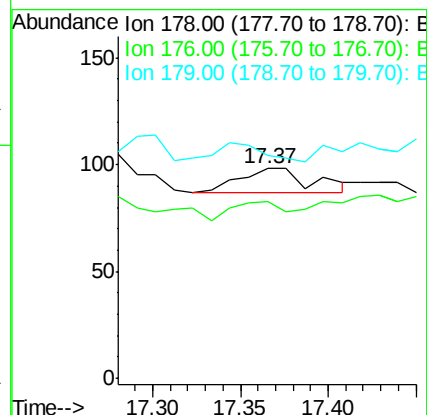
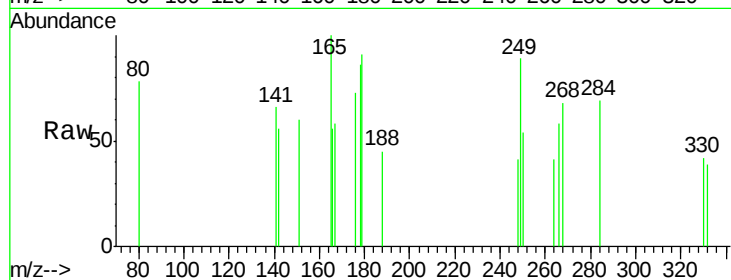
Tgt Ion:178 Resp: 32

Ion Ratio Lower Upper

178 100

176 53.1 14.5 21.7#

179 0.0 12.2 18.4#



#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

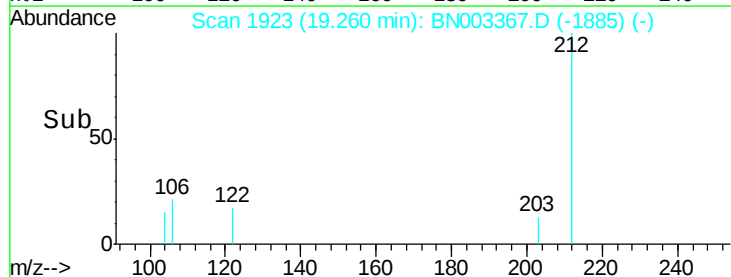
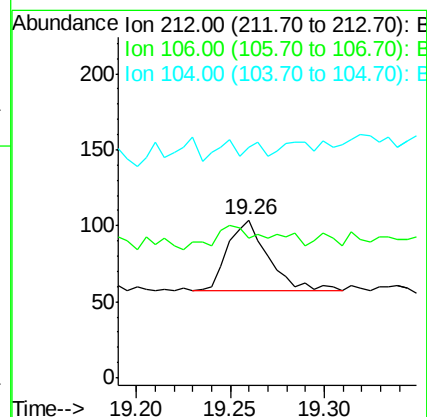
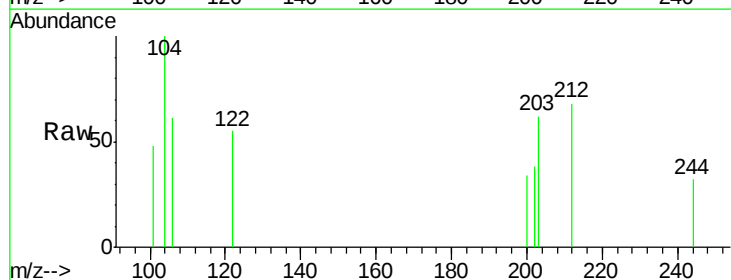
Tgt Ion:212 Resp: 71

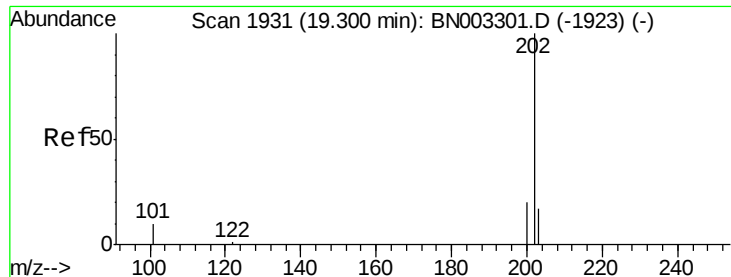
Ion Ratio Lower Upper

212 100

106 35.2 10.3 15.5#

104 14.1 5.6 8.4#

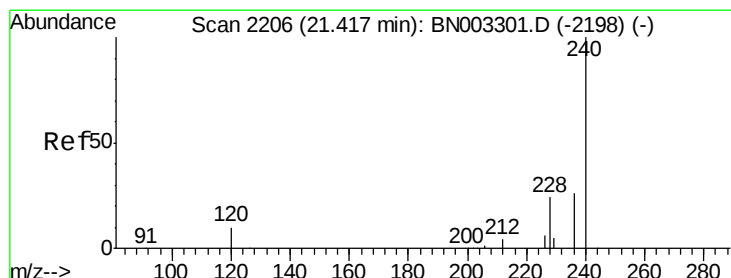
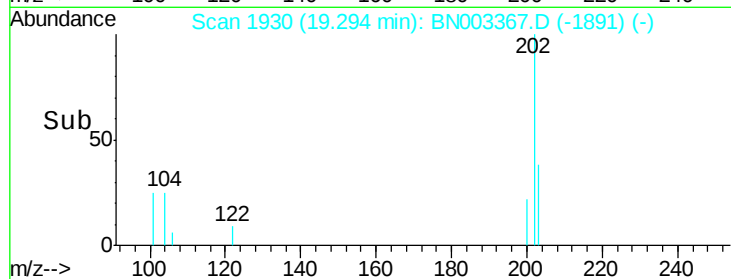
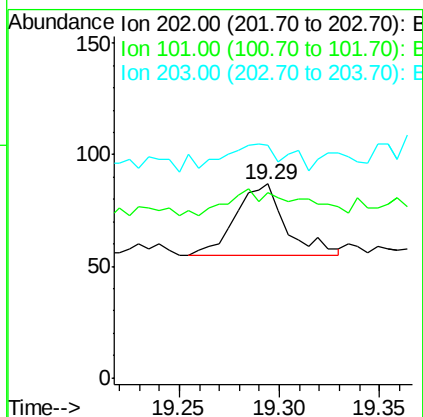
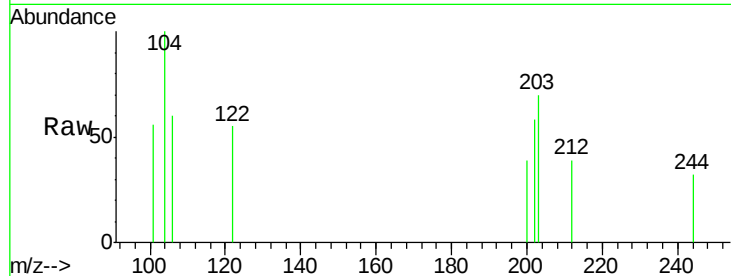




#26
 Fluoranthene
 Concen: 0.257 ng
 RT: 19.29 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 11:43

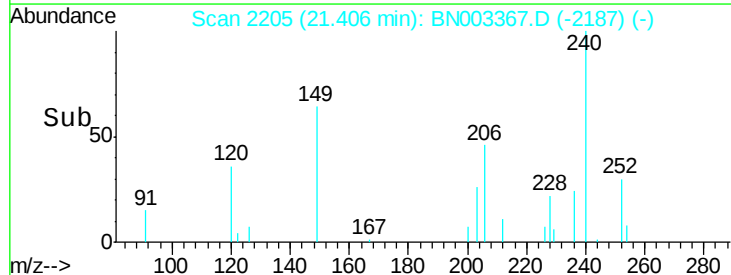
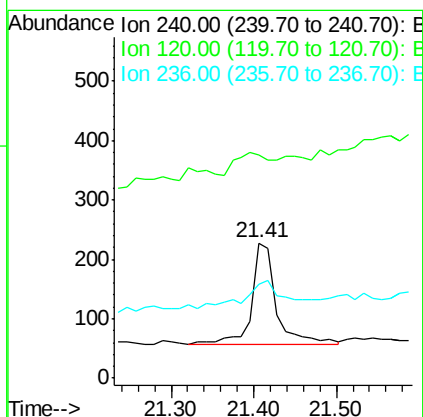
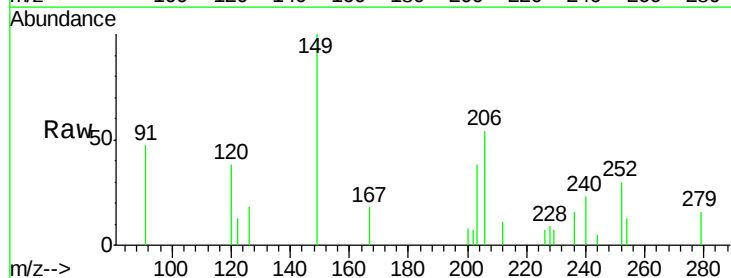
Instrument :
 BNA_N
 ClientSampleId :
 FT-DUP03-20180912RE

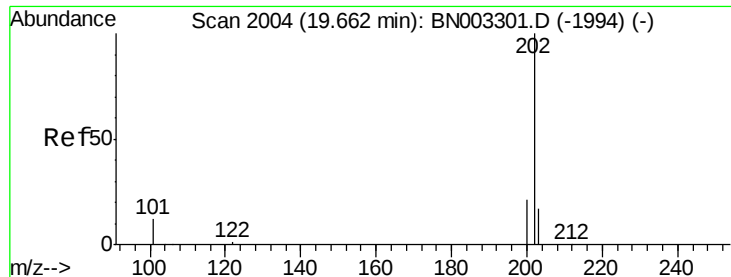
Tgt Ion: 202 Resp: 55
 Ion Ratio Lower Upper
 202 100
 101 50.9 9.0 13.4#
 203 43.6 13.8 20.6#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 11:43

Tgt Ion: 240 Resp: 342
 Ion Ratio Lower Upper
 240 100
 120 164.5 9.3 13.9#
 236 69.7 21.0 31.4#





#28

Pyrene

Concen: 0.065 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

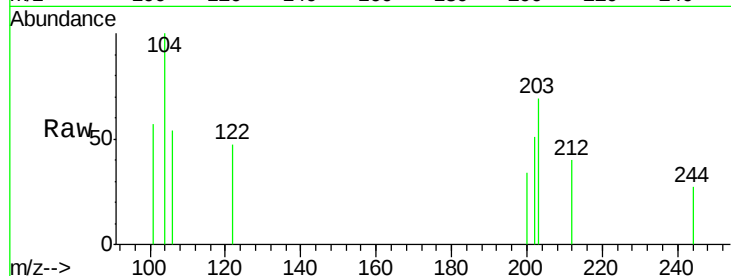
Tgt Ion:202 Resp: 61

Ion Ratio Lower Upper

202 100

200 24.6 16.5 24.7

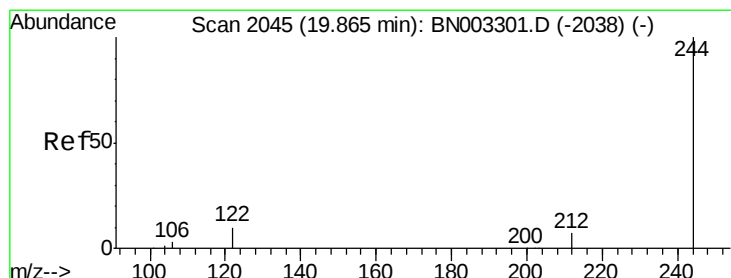
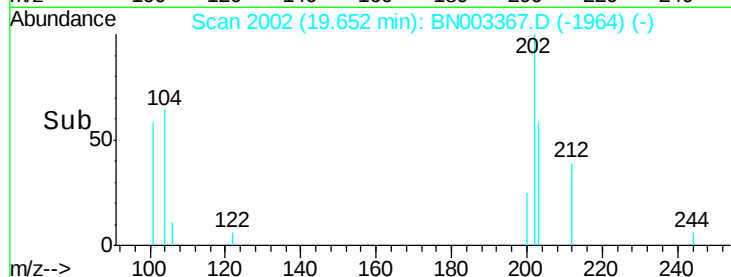
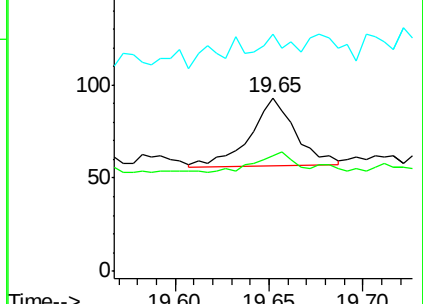
203 11.5 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.311 ng

RT: 19.85 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

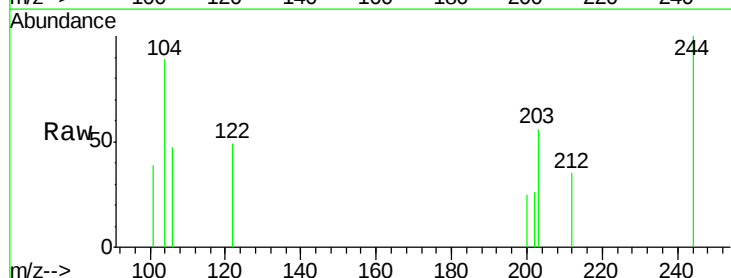
Tgt Ion:244 Resp: 247

Ion Ratio Lower Upper

244 100

212 35.5 5.6 8.4#

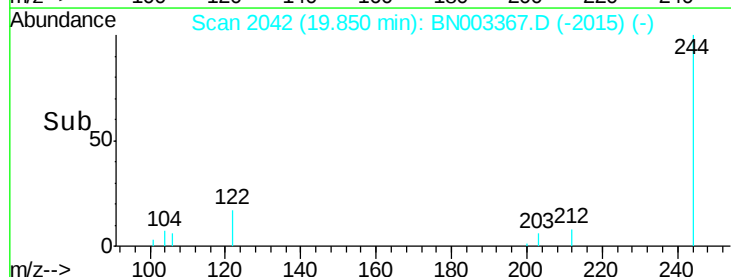
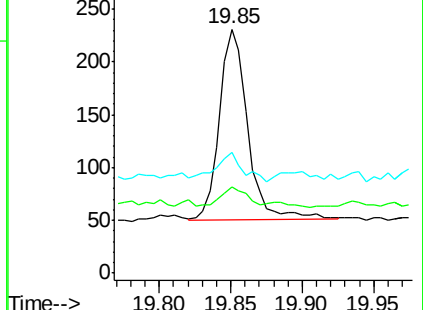
122 49.4 8.5 12.7#

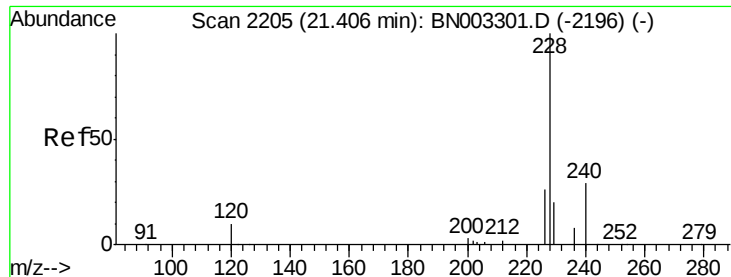


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.151 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

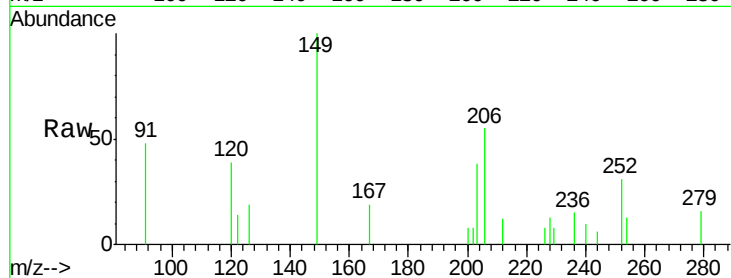
Tgt Ion:228 Resp: 135

Ion Ratio Lower Upper

228 100

226 61.4 20.8 31.2#

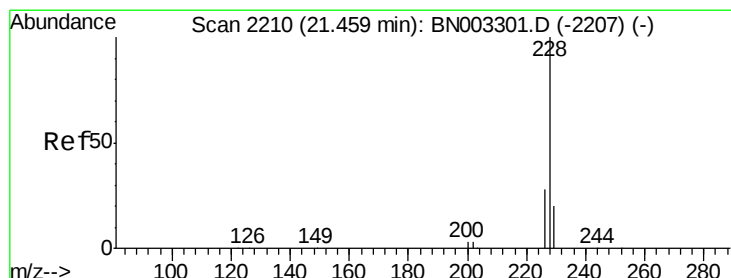
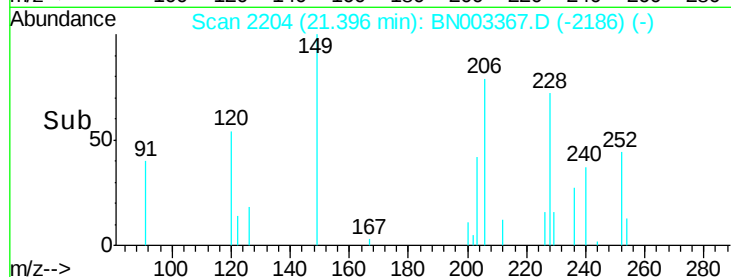
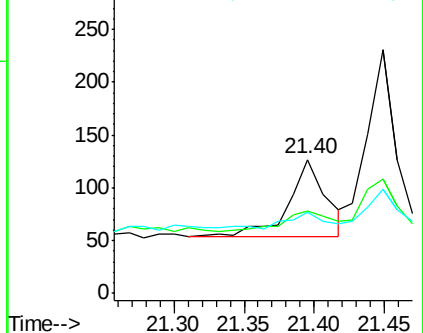
229 60.6 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.239 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

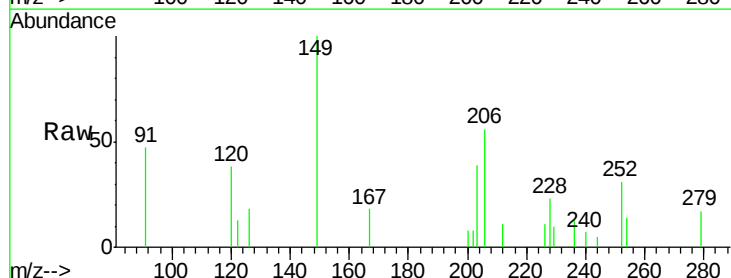
Tgt Ion:228 Resp: 231

Ion Ratio Lower Upper

228 100

226 46.8 22.7 34.1#

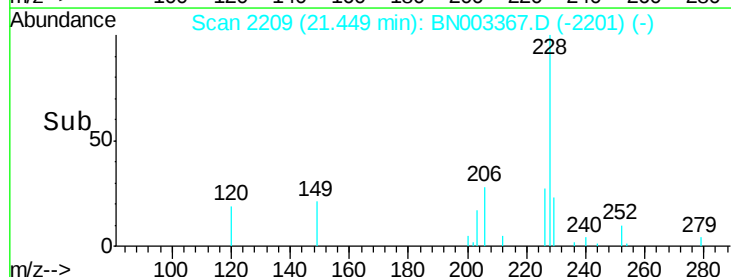
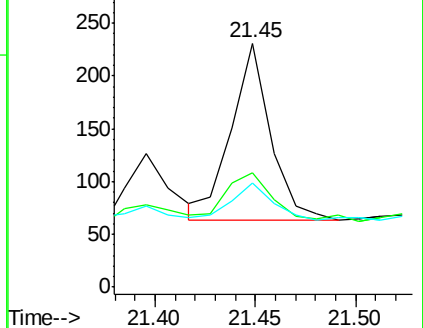
229 42.9 16.0 24.0#

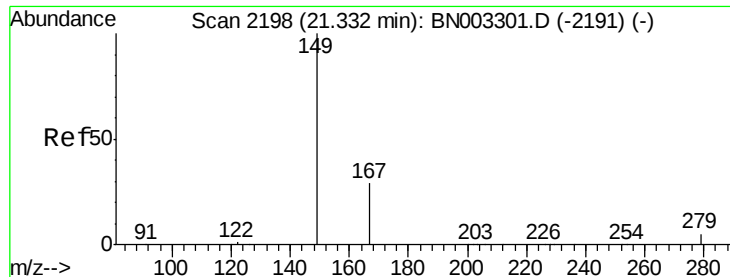


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

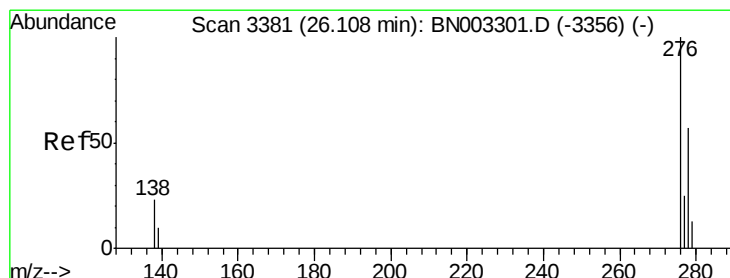
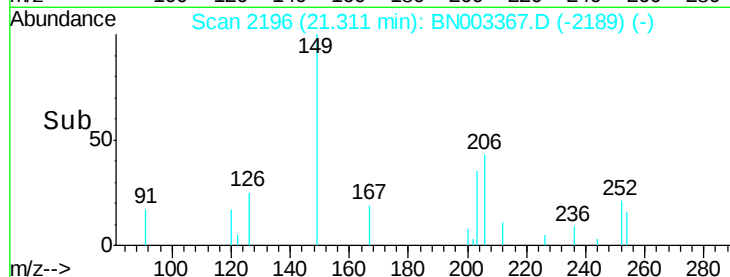
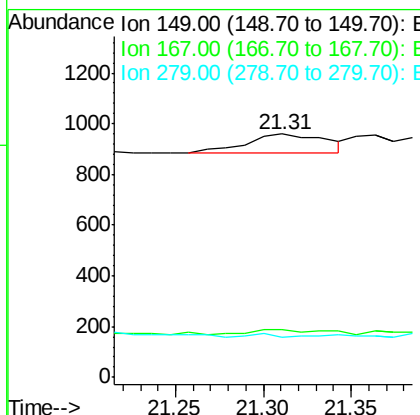
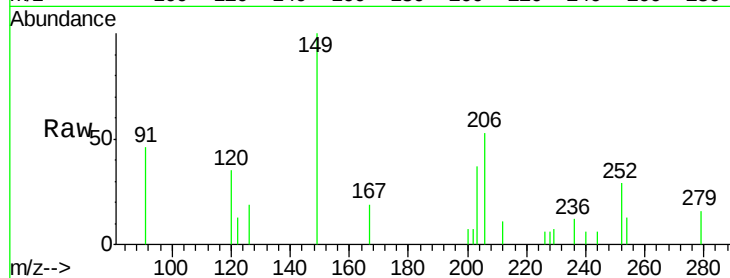




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.928 ng
 RT: 21.31 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 11:43

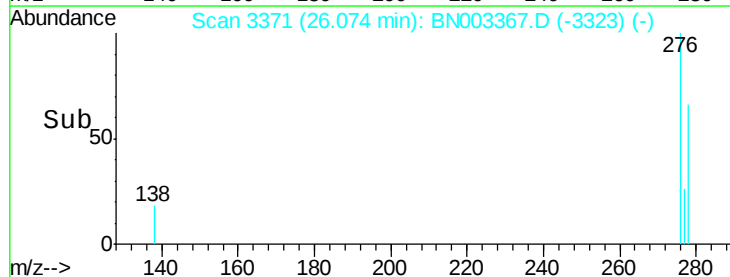
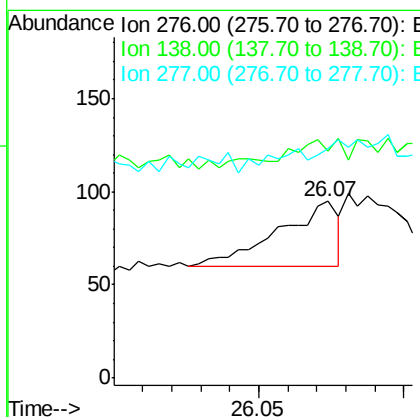
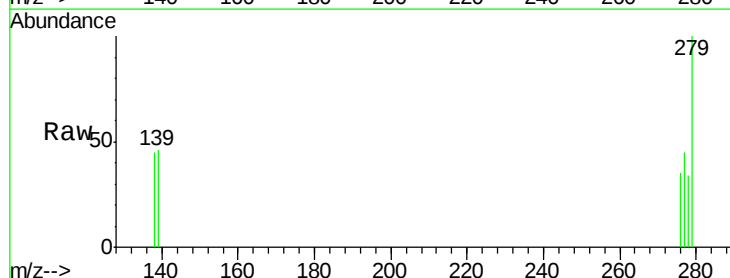
Instrument :
 BNA_N
 ClientSampleId :
 FT-DUP03-20180912RE

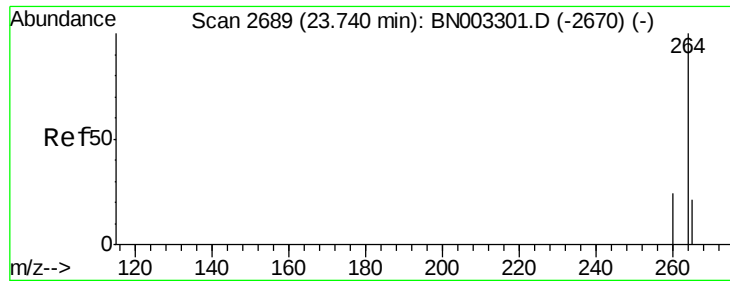
Tgt Ion:149 Resp: 246
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.4 33.6
 279 6.5 3.9 5.9#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.050 ng
 RT: 26.07 min Scan# 3371
 Delta R.T. -0.03 min
 Lab File: BN003367.D
 Acq: 31 Oct 2018 11:43

Tgt Ion:276 Resp: 50
 Ion Ratio Lower Upper
 276 100
 138 22.0 20.6 30.8
 277 12.0 20.0 30.0#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

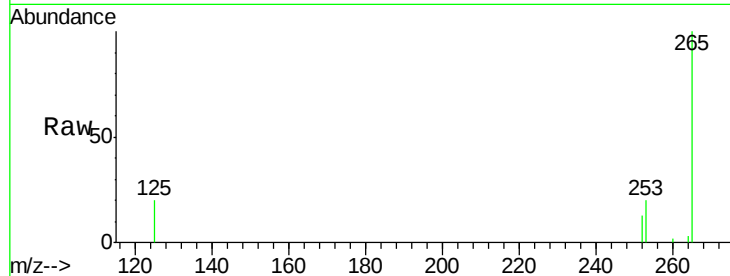
Tgt Ion:264 Resp: 80

Ion Ratio Lower Upper

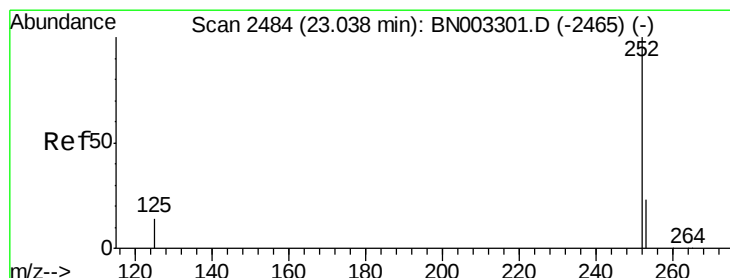
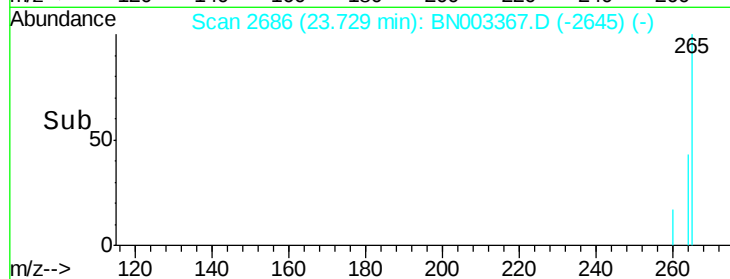
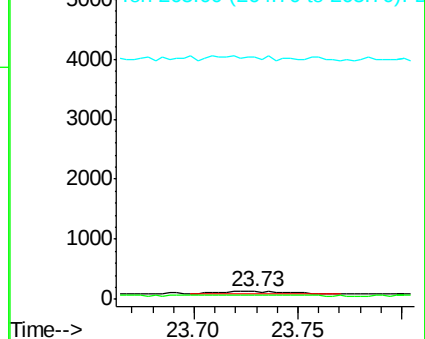
264 100

260 51.1 19.1 28.7#

265 3028.6 26.4 39.6#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#35

Benzo(b)fluoranthene

Concen: 1.142 ng

RT: 23.02 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

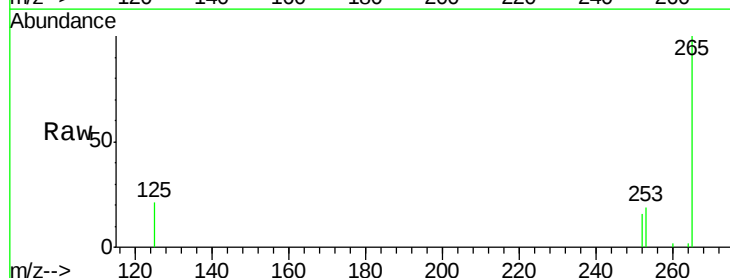
Tgt Ion:252 Resp: 285

Ion Ratio Lower Upper

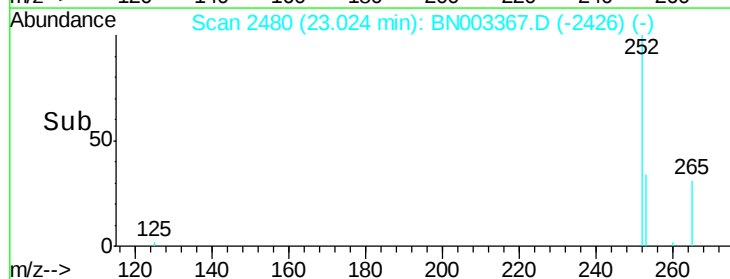
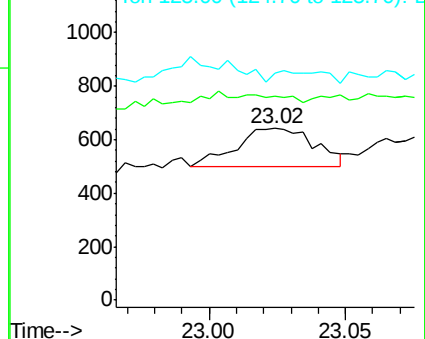
252 100

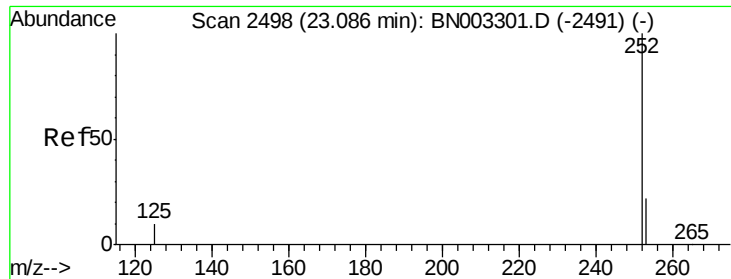
253 118.9 19.3 28.9#

125 132.8 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.142 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

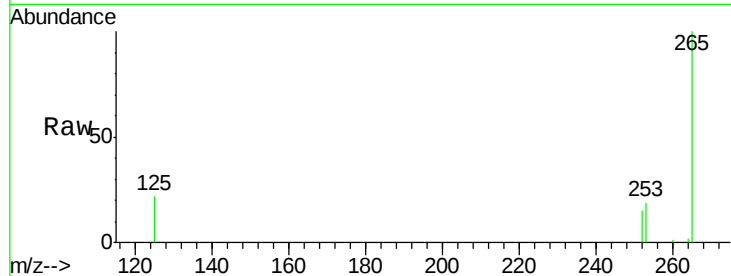
Tgt Ion: 252 Resp: 35

Ion Ratio Lower Upper

252 100

253 126.2 18.5 27.7#

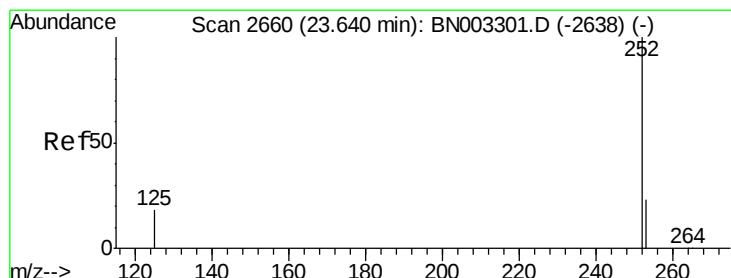
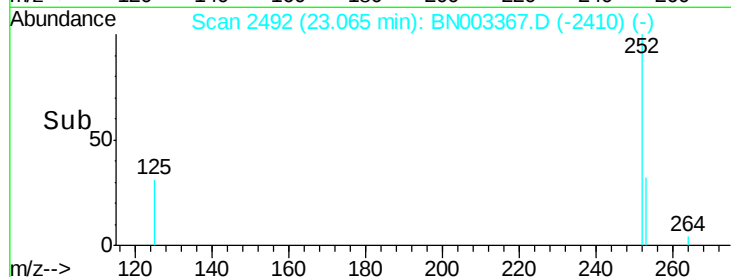
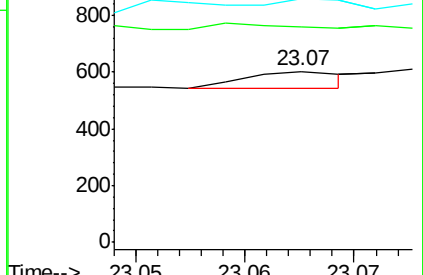
125 142.5 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.181 ng

RT: 23.61 min Scan# 2652

Delta R.T. -0.03 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

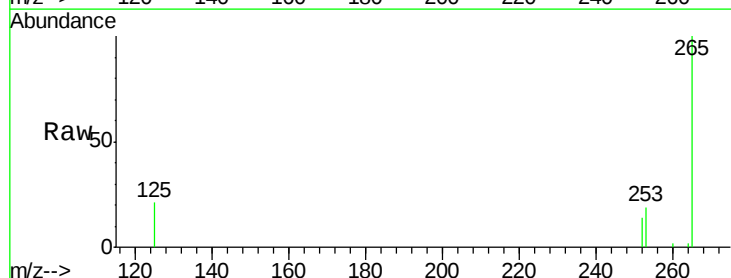
Tgt Ion: 252 Resp: 41

Ion Ratio Lower Upper

252 100

253 140.9 20.1 30.1#

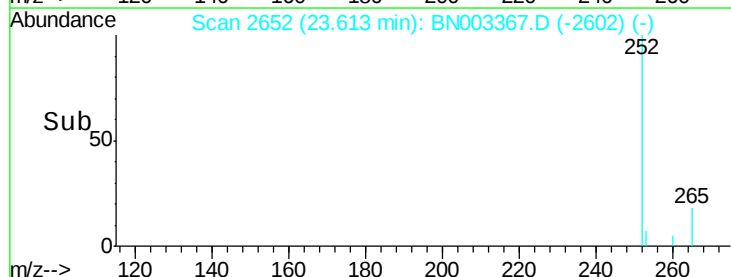
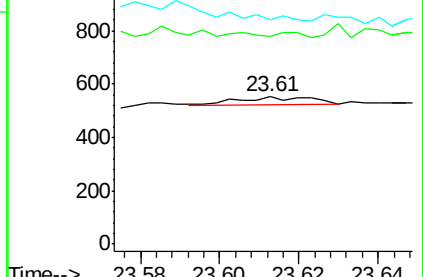
125 152.5 16.0 24.0#

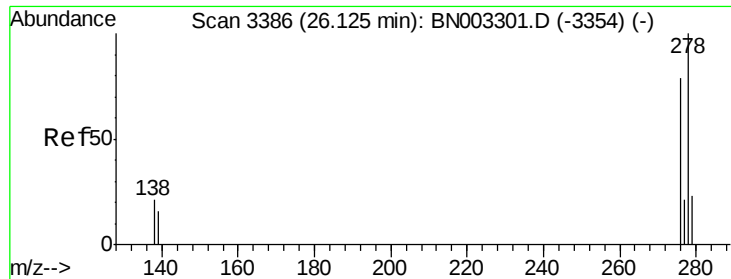


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.680 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.03 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

Instrument :

BNA_N

ClientSampleId :

FT-DUP03-20180912RE

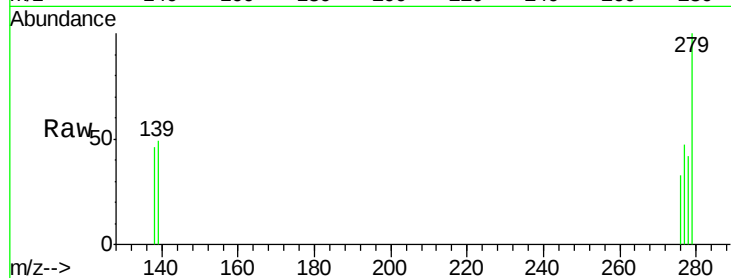
Tgt Ion: 278 Resp: 144

Ion Ratio Lower Upper

278 100

139 116.4 13.5 20.3#

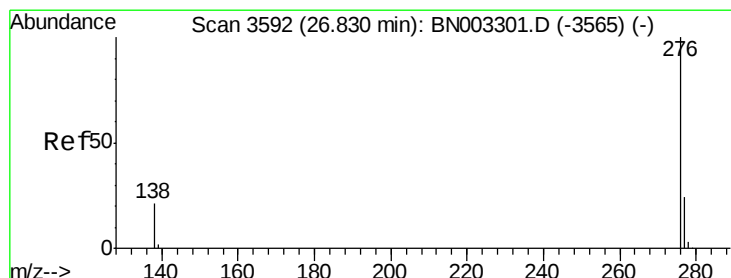
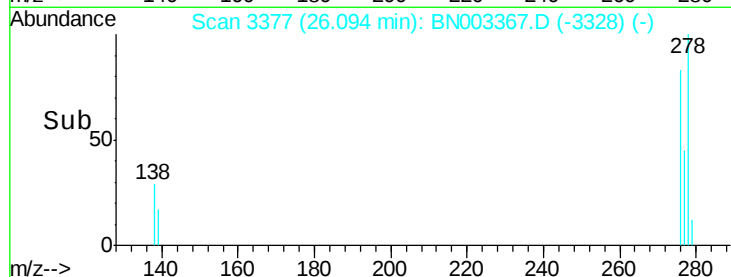
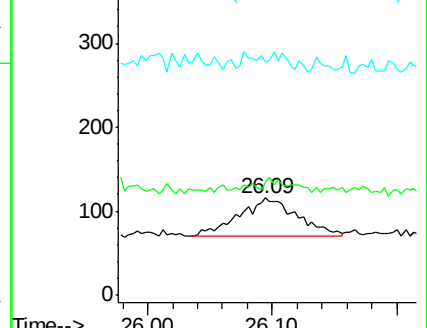
279 239.7 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.274 ng

RT: 26.80 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BN003367.D

Acq: 31 Oct 2018 11:43

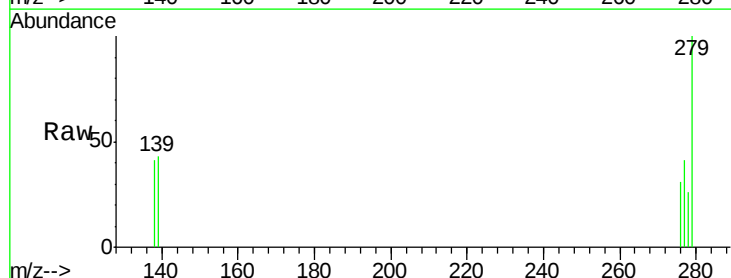
Tgt Ion: 276 Resp: 58

Ion Ratio Lower Upper

276 100

277 130.7 19.5 29.3#

138 131.8 17.4 26.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

