

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010162.D
 Acq On : 10 Mar 2020 15:32
 Operator : CG/JU
 Sample : PB127383BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BL

Quant Time: Mar 10 18:43:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	737	0.40	ng	-0.05
7) Naphthalene-d8	10.14	136	2420	0.40	ng	-0.04
13) Acenaphthene-d10	14.00	164	1550	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3083	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3420	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3718	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	317	0.19	ng	-0.05
5) Phenol-d6	6.61	99	219	0.11	ng	-0.03
8) Nitrobenzene-d5	8.57	82	790	0.39	ng	-0.03
11) 2-Methylnaphthalene-d10	11.74	152	1444	0.31	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	233	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	2247	0.38	ng	-0.06
25) Fluoranthene-d10	18.83	212	3736	0.35	ng	-0.03
29) Terphenyl-d14	19.43	244	3462	0.42	ng	-0.04

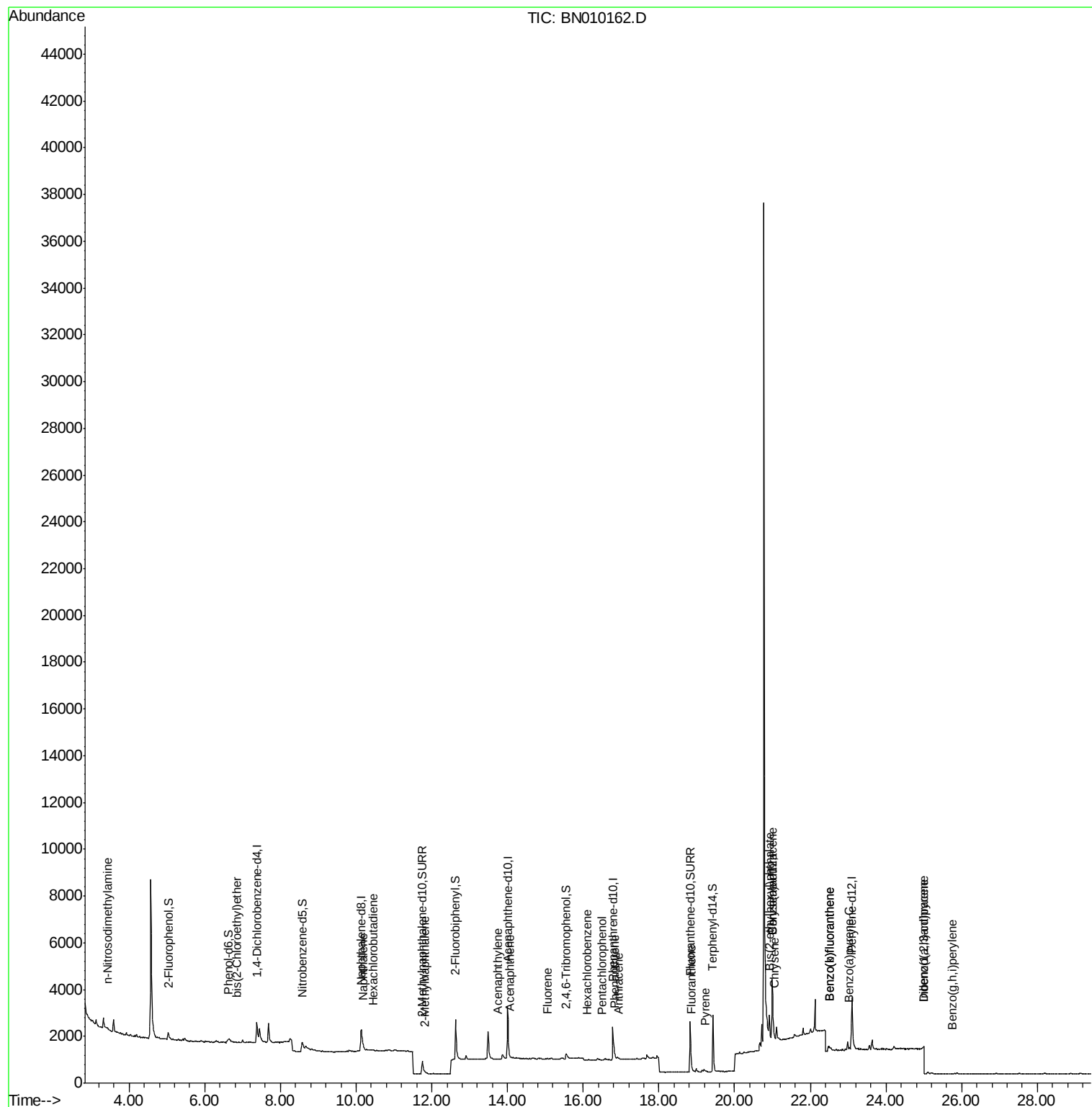
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.45	42	8	0.006	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	3	0.002	ng	# 13
9) Naphthalene	10.19	128	69	0.010	ng	# 1
10) Hexachlorobutadiene	10.46	225	1	0.001	ng	# 17
12) 2-Methylnaphthalene	11.82	142	67	0.015	ng	# 64
16) Acenaphthylene	13.73	152	17	0.003	ng	# 28
17) Acenaphthene	14.06	154	8	0.002	ng	# 5
18) Fluorene	15.05	166	3	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.01	248	118	Below Cal		# 75
21) Hexachlorobenzene	16.09	284	2	0.001	ng	# 1
22) Pentachlorophenol	16.50	266	7	0.189	ng	# 76
23) Phenanthrene	16.83	178	108	0.012	ng	# 92
24) Anthracene	16.94	178	47	0.006	ng	# 74
26) Fluoranthene	18.86	202	49	0.004	ng	# 34
28) Pyrene	19.23	202	47	0.004	ng	# 73
30) Benzo(a)anthracene	20.99	228	85	0.007	ng	# 10
31) Chrysene	21.04	228	104	0.008	ng	# 19
32) Bis(2-ethylhexyl)phthalate	20.92	149	1172	0.212	ng	# 87
33) Indeno(1,2,3-cd)pyrene	25.00	276	92	0.007	ng	# 1
35) Benzo(b)fluoranthene	22.51	252	261	0.019	ng	# 1
36) Benzo(k)fluoranthene	22.51	252	261	0.018	ng	# 1
37) Benzo(a)pyrene	23.03	252	25	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	25.00	278	44	0.004	ng	# 1
39) Benzo(g,h,i)perylene	25.75	276	1	0.000	ng	# 1

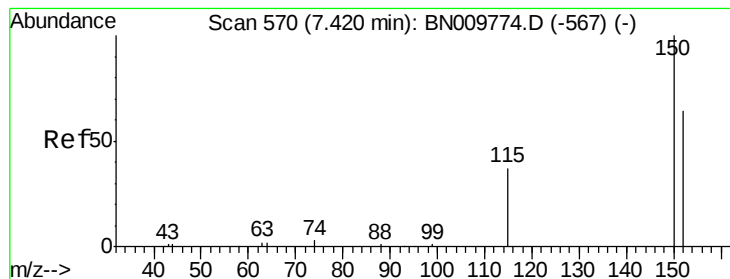
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010162.D
Acq On : 10 Mar 2020 15:32
Operator : CG/JU
Sample : PB127383BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Quant Time: Mar 10 18:43:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



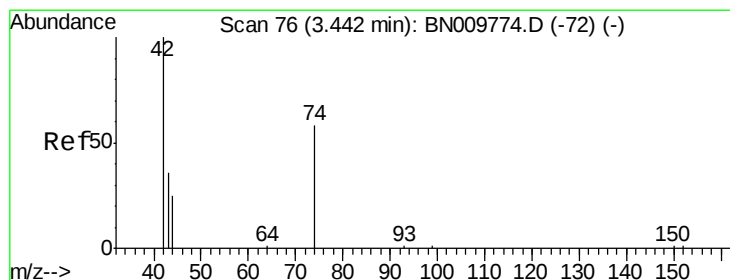
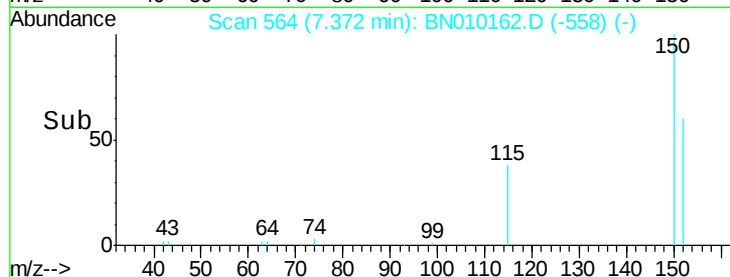
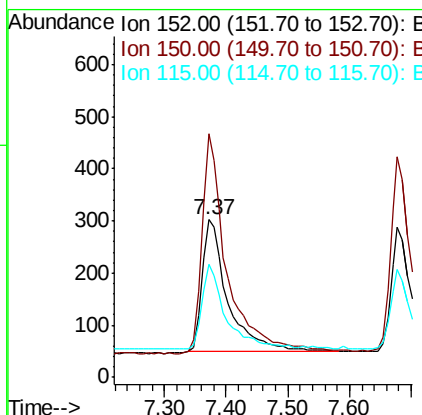
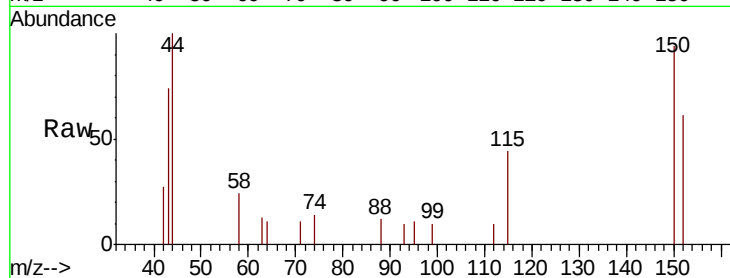


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

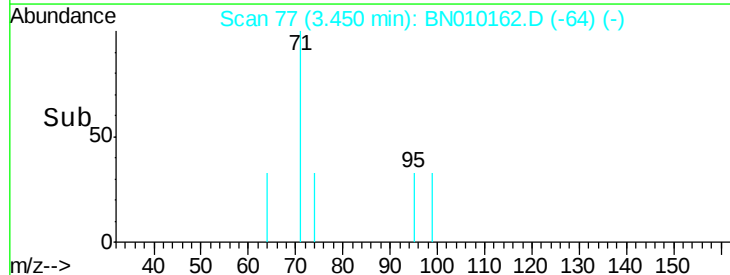
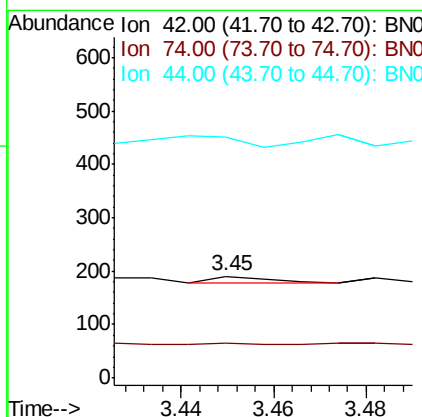
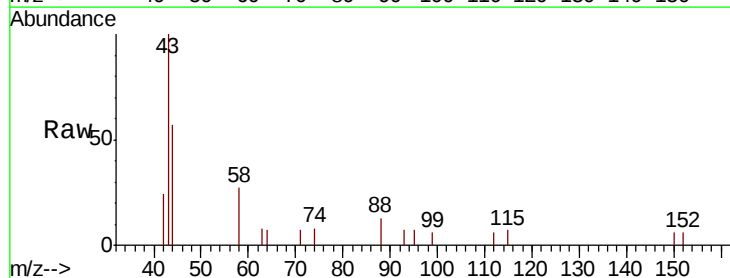
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	120.6	181.0
115	71.9	51.2	76.8

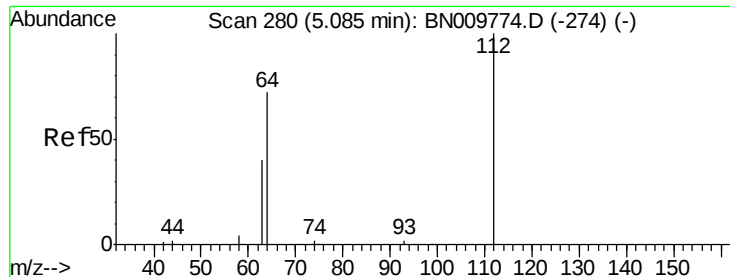


#3

n-Nitrosodimethylamine
Concen: 0.006 ng
RT: 3.45 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	12.5	51.2	76.8#
44	337.5	2.6	4.0#





#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.05 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

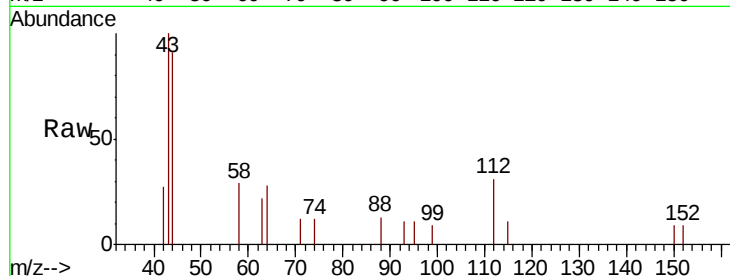
Tot Ion: 112 Resp: 317

Ion Ratio Lower Upper

112 100

64 78.5 65.8 98.6

63 53.0 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.04

150

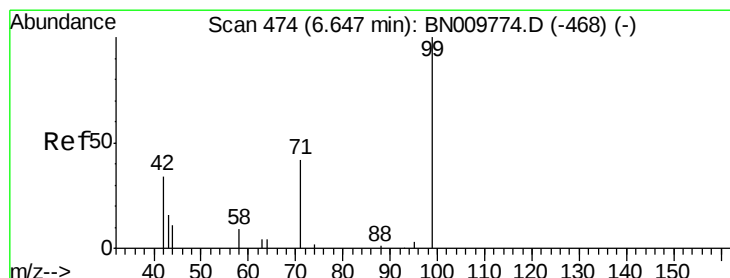
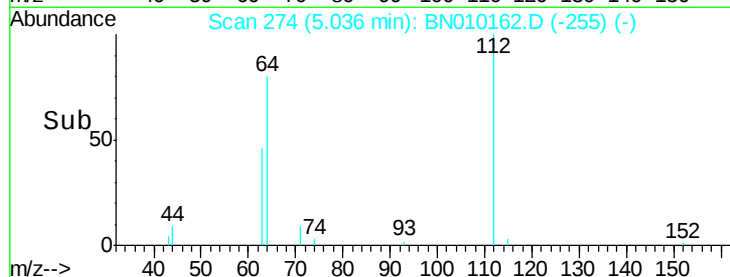
100

50

0

Time-->

5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.110 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

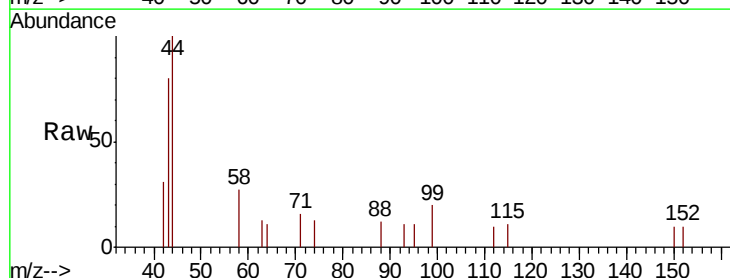
Tgt Ion: 99 Resp: 219

Ion Ratio Lower Upper

99 100

42 46.6 30.8 46.2#

71 39.3 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.61

150

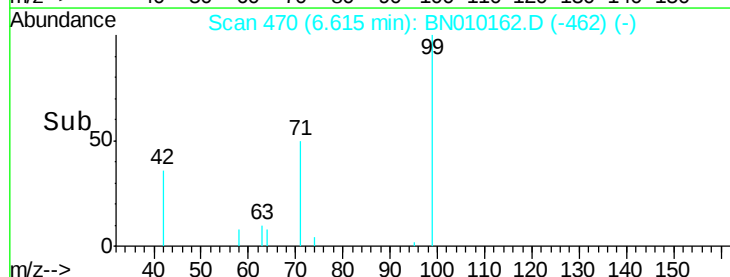
100

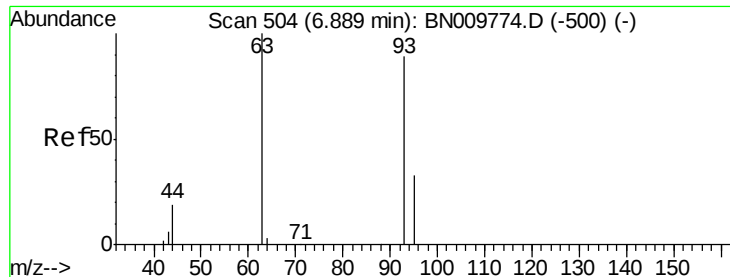
50

0

Time-->

6.50 6.60 6.70 6.80





#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.05 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

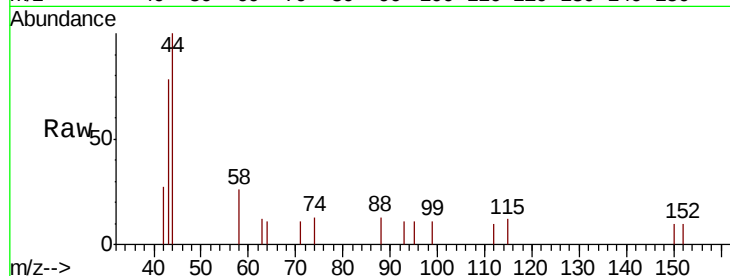
Tot Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 74.0 111.0#

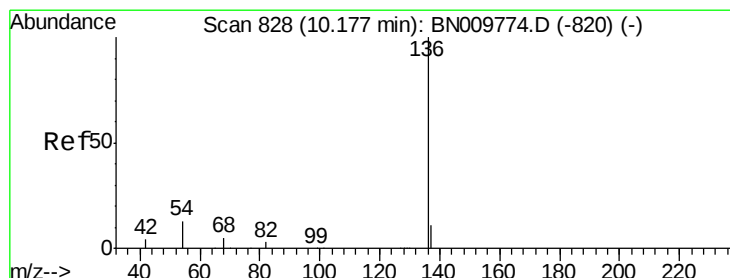
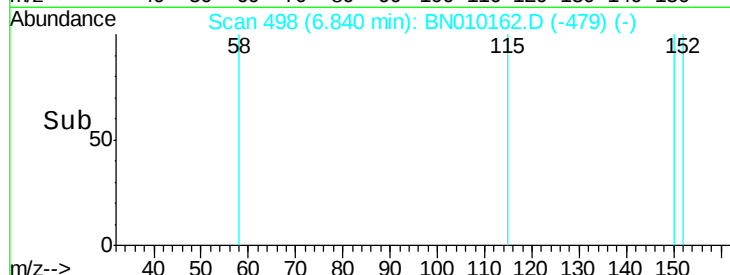
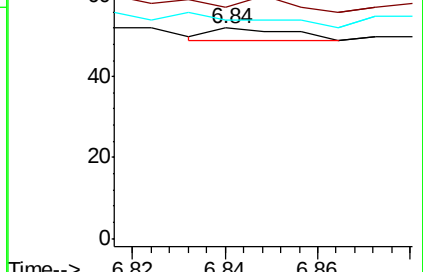
95 0.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Tgt Ion: 136 Resp: 2420

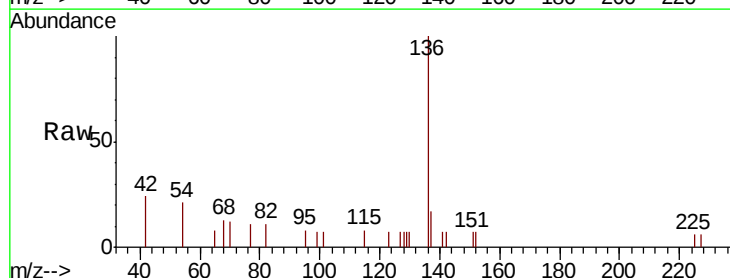
Ion Ratio Lower Upper

136 100

137 16.5 11.3 16.9

54 21.1 13.4 20.2#

68 13.4 7.0 10.4#

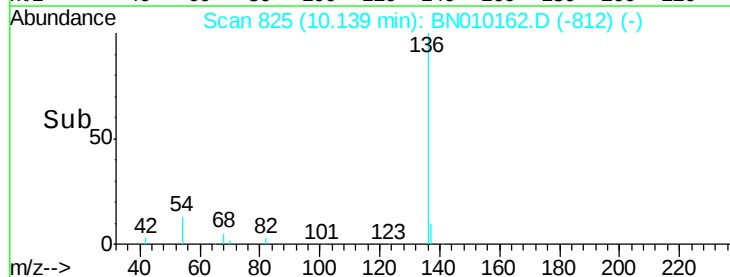
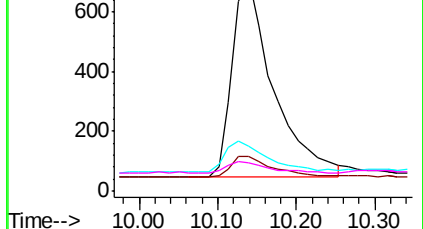


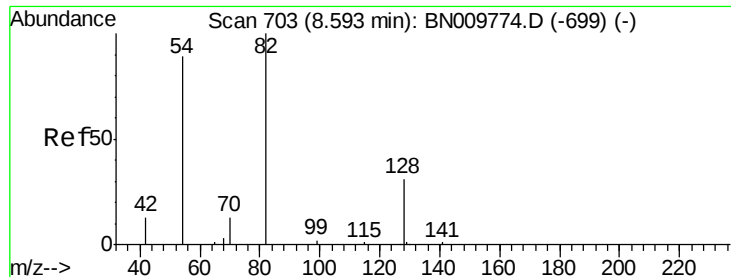
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.392 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

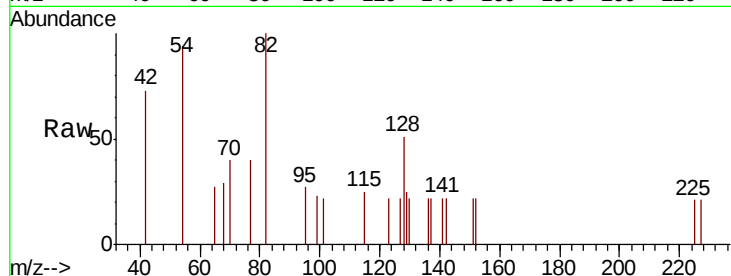
Tot Ion: 82 Resp: 790

Ion Ratio Lower Upper

82 100

128 51.2 32.5 48.7#

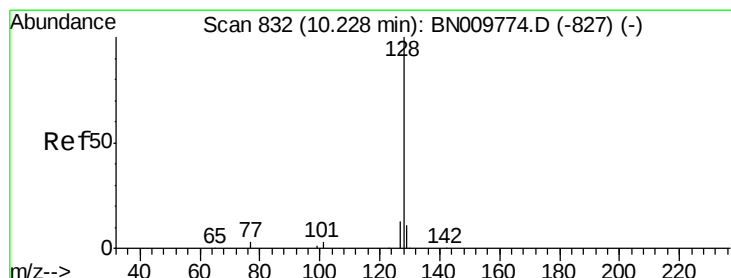
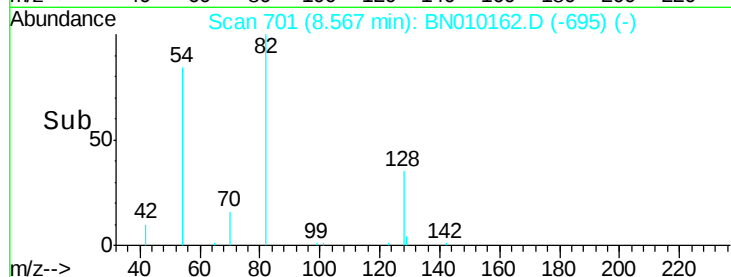
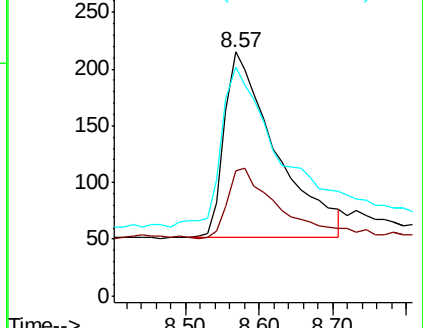
54 94.0 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.010 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

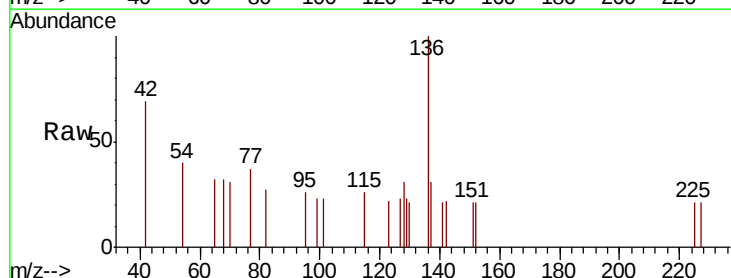
Tgt Ion:128 Resp: 69

Ion Ratio Lower Upper

128 100

129 76.1 11.1 16.7#

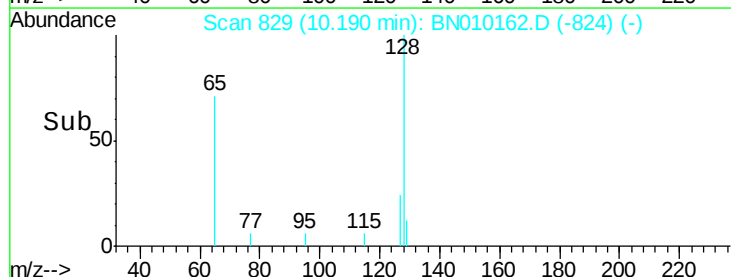
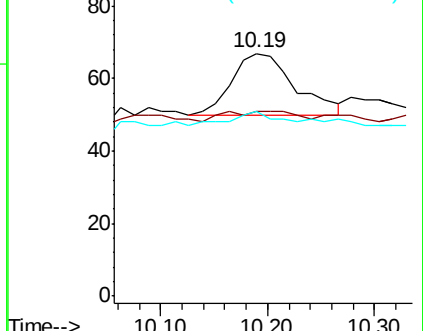
127 76.1 12.6 19.0#

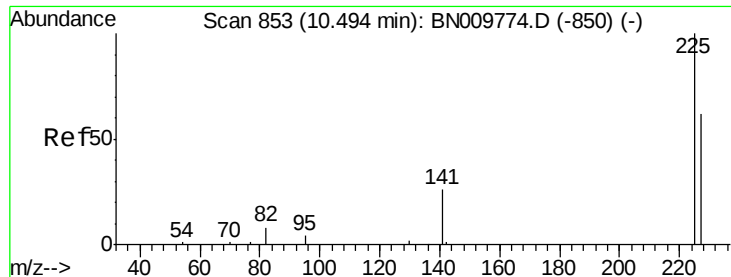


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

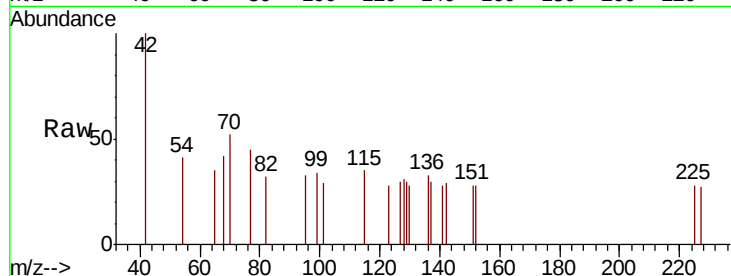




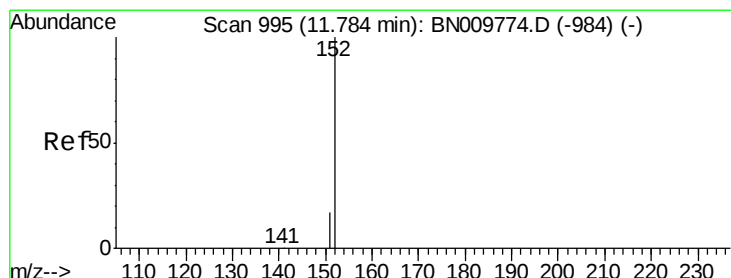
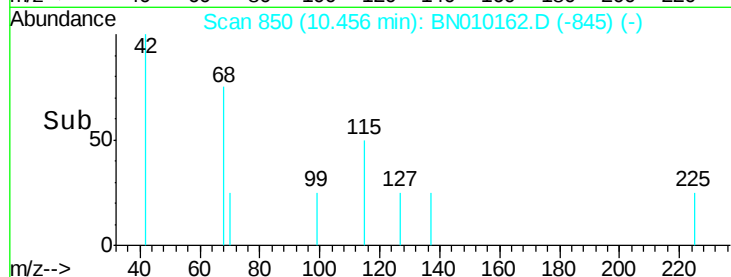
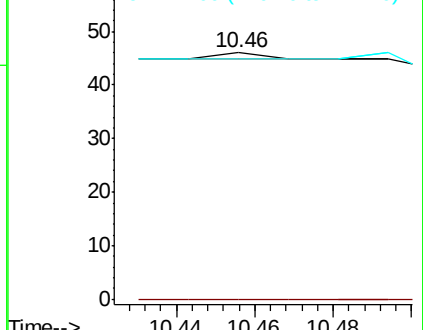
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tot Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 53.4 80.2#

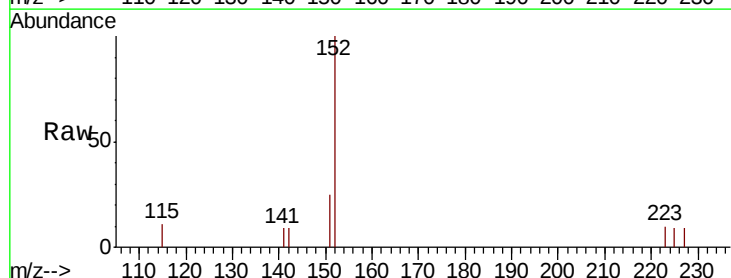


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

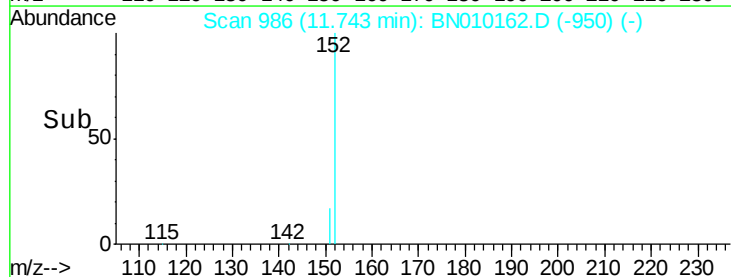
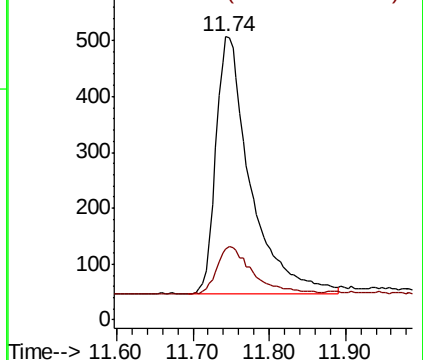


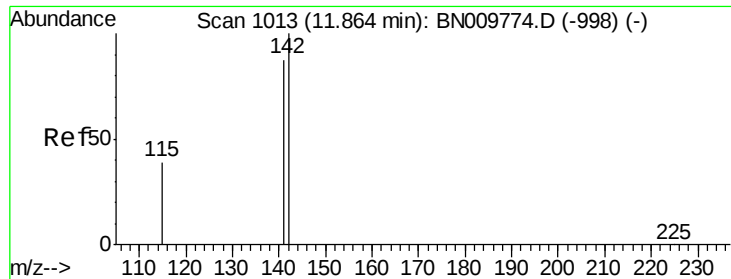
#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:152 Resp: 1444
Ion Ratio Lower Upper
152 100
151 19.0 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: 0.015 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

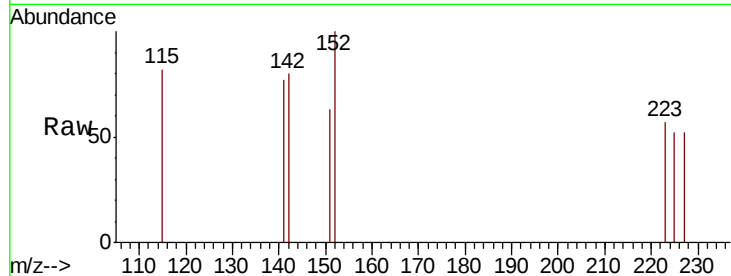
Tot Ion:142 Resp: 67

Ion Ratio Lower Upper

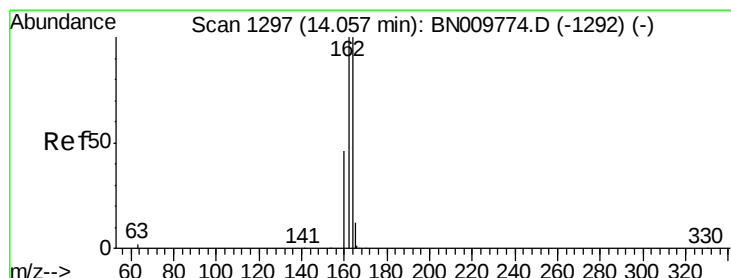
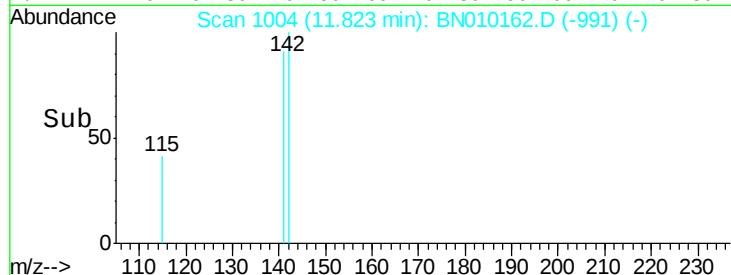
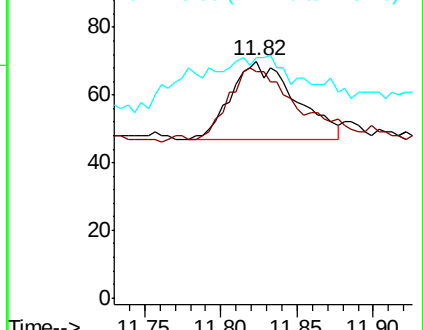
142 100

141 95.7 69.8 104.6

115 101.4 34.6 52.0#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

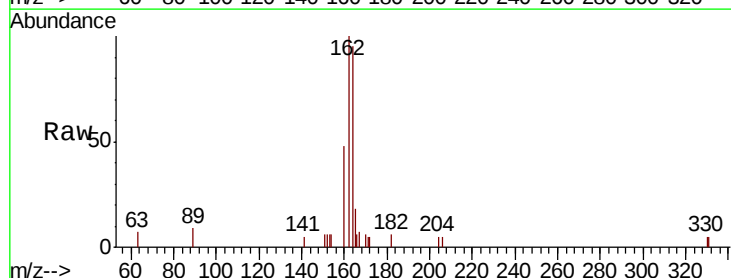
Tgt Ion:164 Resp: 1550

Ion Ratio Lower Upper

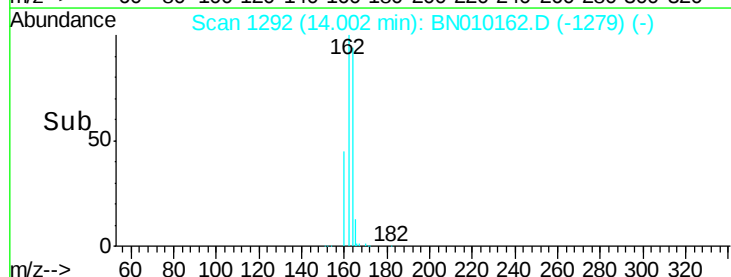
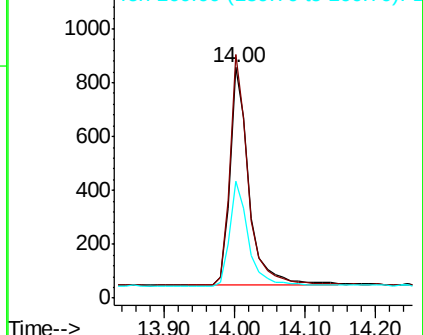
164 100

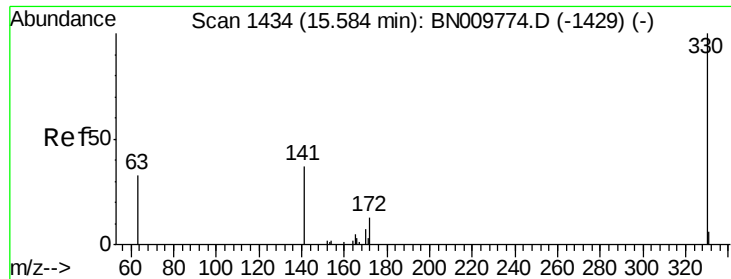
162 105.7 79.9 119.9

160 50.8 38.2 57.2



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

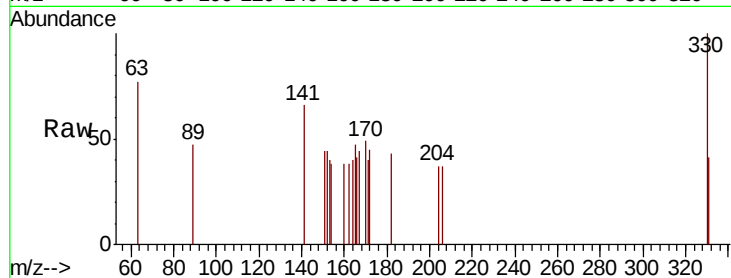




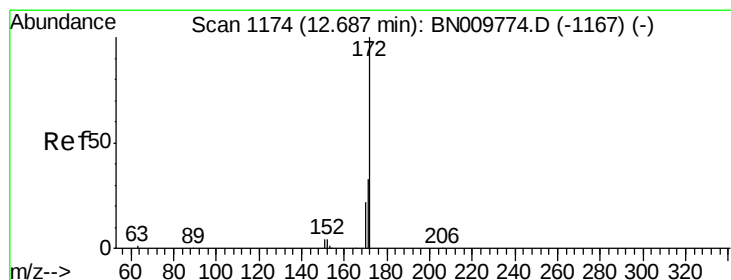
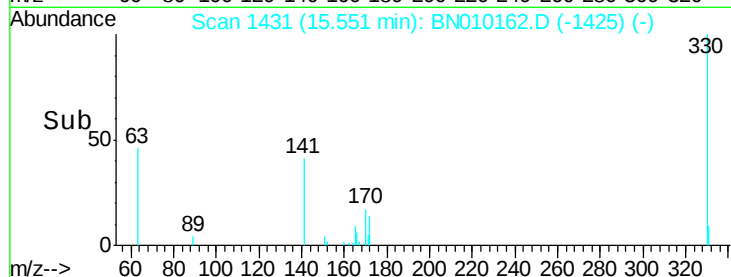
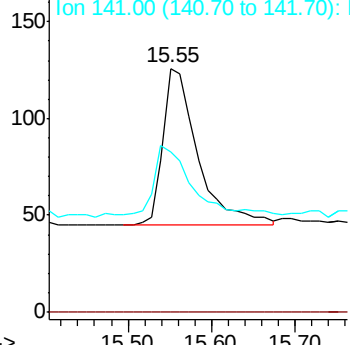
#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BL

Tot Ion:330 Resp: 233
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 52.8 36.8 55.2

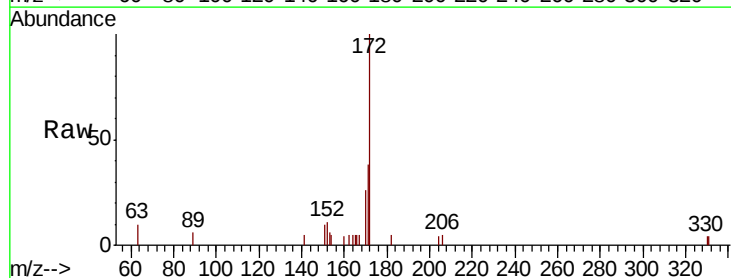


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

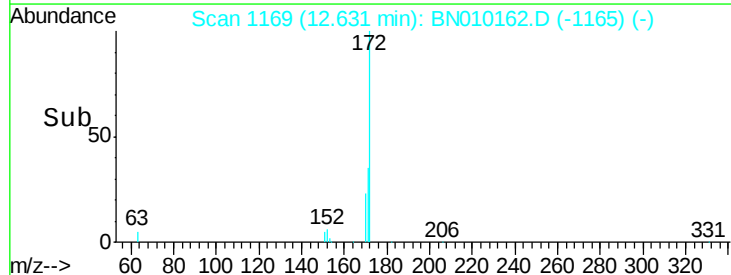
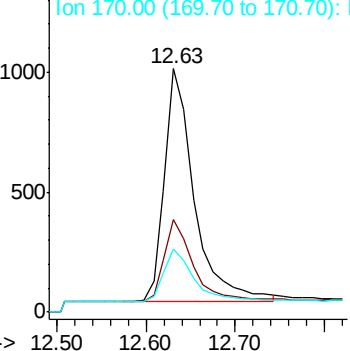


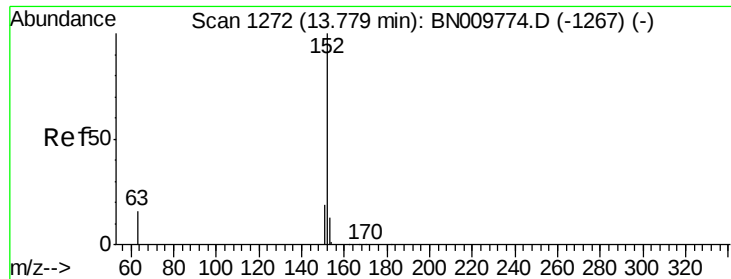
#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

Tgt Ion:172 Resp: 2247
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.7 43.1
 170 26.2 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.003 ng

RT: 13.73 min Scan# 1268

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

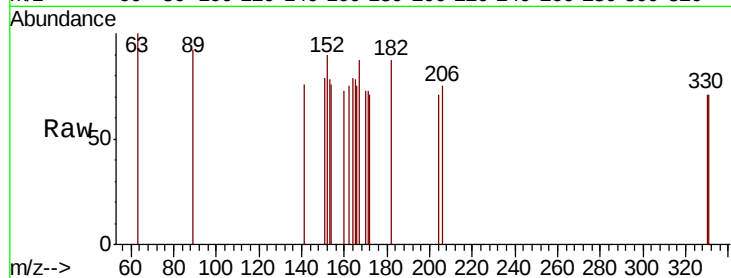
Tot Ion:152 Resp: 17

Ion Ratio Lower Upper

152 100

151 64.7 15.8 23.6#

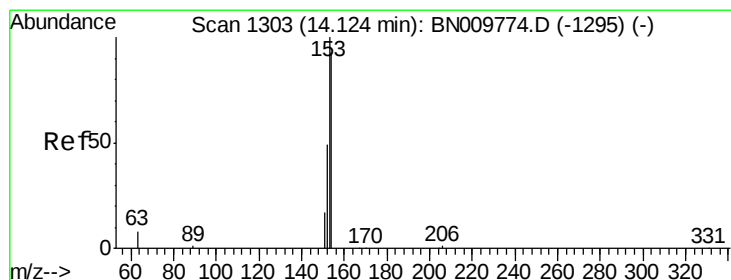
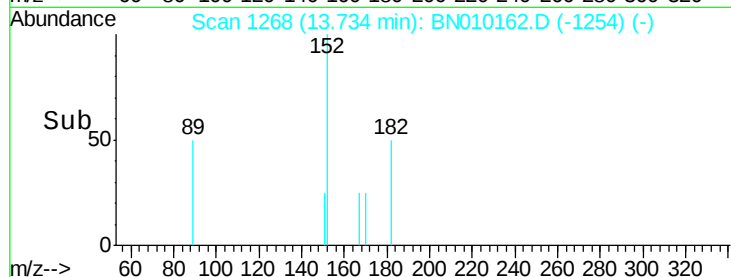
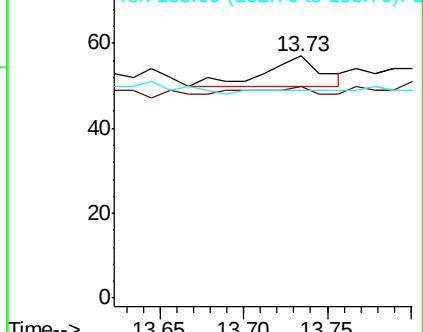
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.002 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.07 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

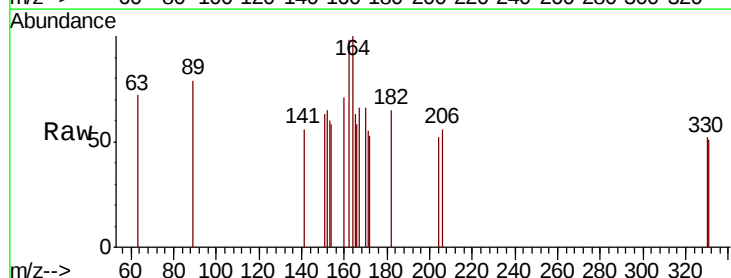
Tgt Ion:154 Resp: 8

Ion Ratio Lower Upper

154 100

153 0.0 88.9 133.3#

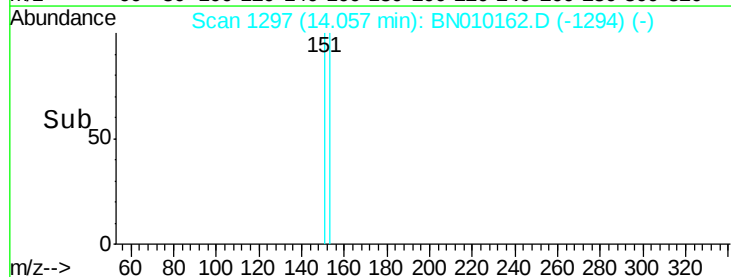
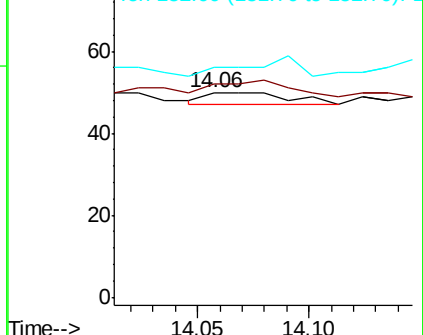
152 0.0 44.2 66.2#

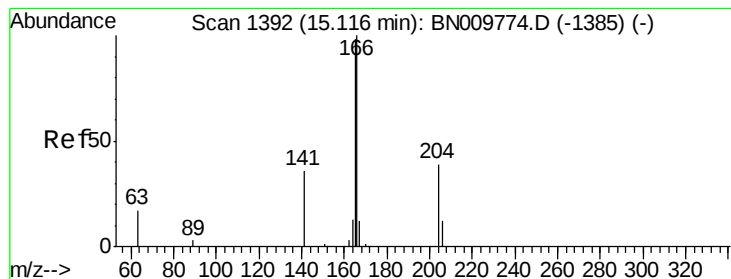


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

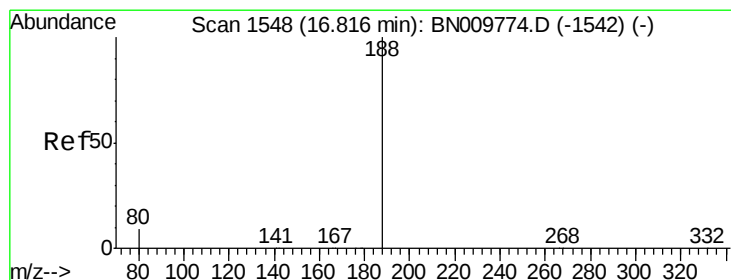
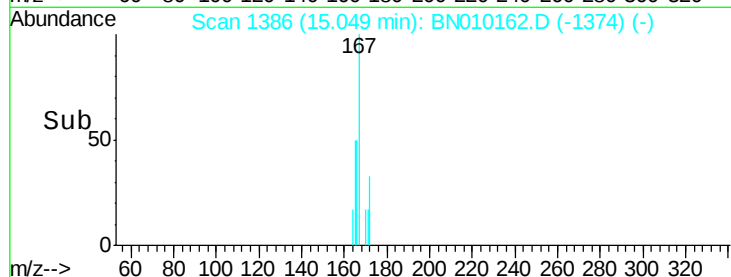
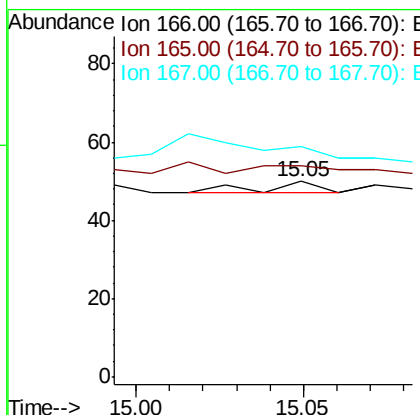
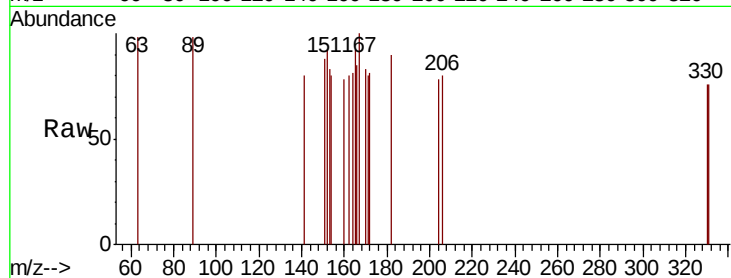




#18
Fluorene
 Concen: 0.000 ng
 RT: 15.05 min Scan# 1386
 Delta R.T. -0.07 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

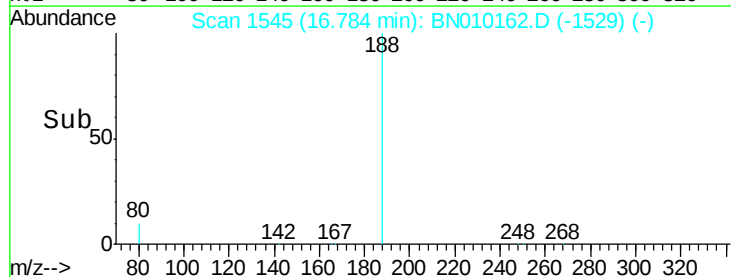
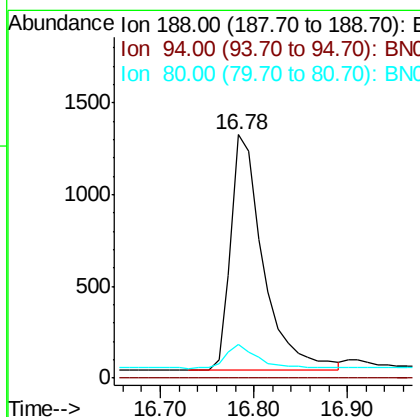
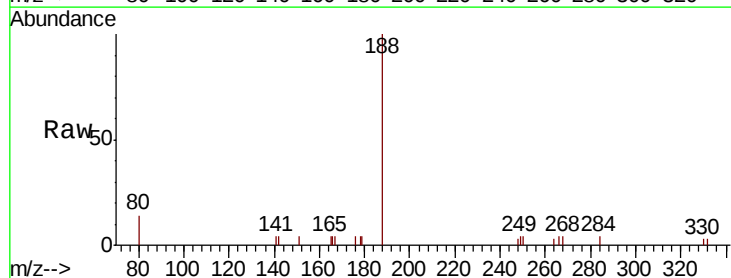
Instrument :
 BNA_N
 ClientSampleId :
 PB127383BL

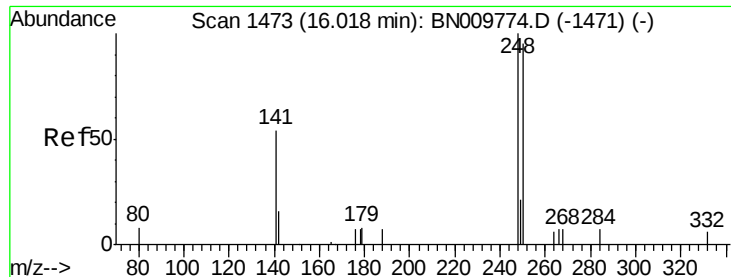
Tot Ion:166	Resp:	3	
Ion Ratio	Lower	Upper	
166 100			
165 0.0	77.2	115.8#	
167 0.0	10.5	15.7#	



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.78 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

Tgt Ion:188	Resp: 3083
Ion Ratio	Lower Upper
188 100	
94 0.0	0.0 0.0
80 13.9	8.3 12.5#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

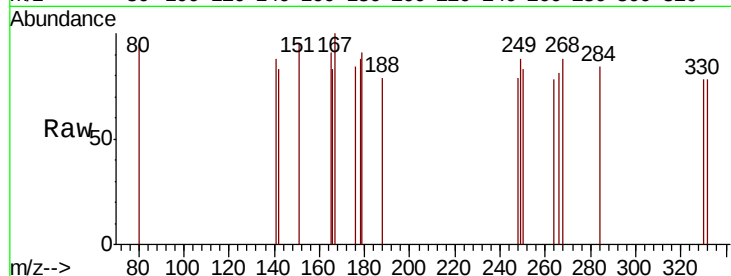
Tot Ion:248 Resp: 118

Ion Ratio Lower Upper

248 100

250 104.3 76.2 114.4

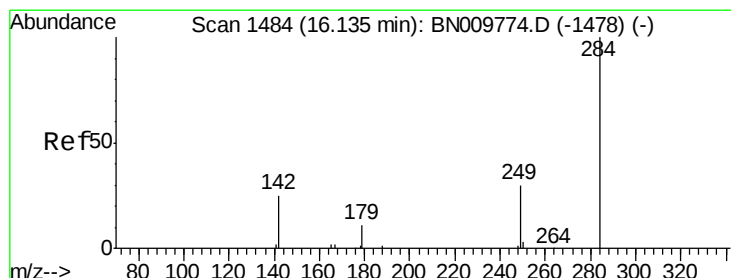
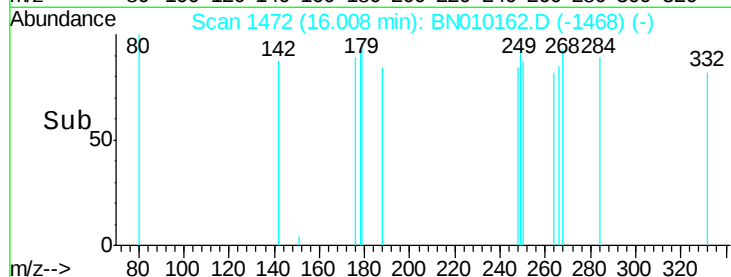
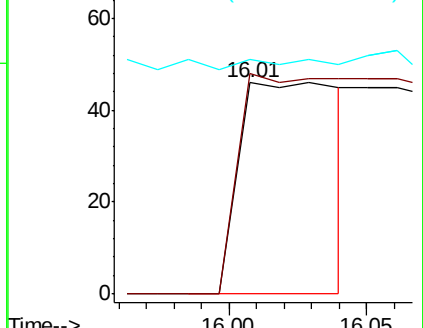
141 110.9 57.8 86.6#



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: 0.001 ng

RT: 16.09 min Scan# 1480

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

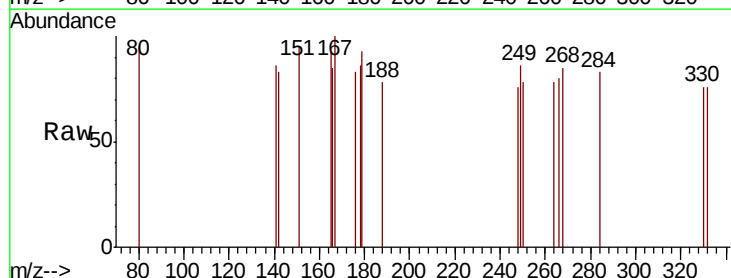
Tgt Ion:284 Resp: 2

Ion Ratio Lower Upper

284 100

142 0.0 33.3 49.9#

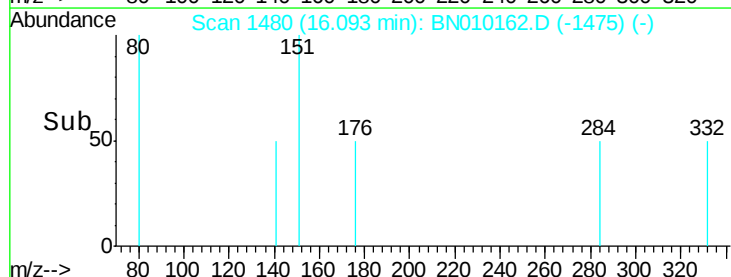
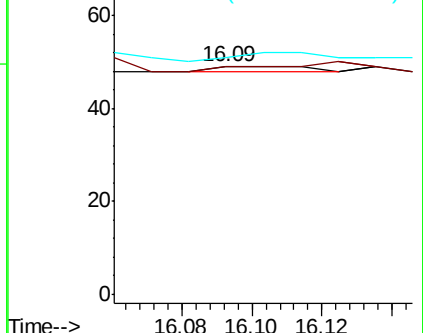
249 200.0 25.7 38.5#

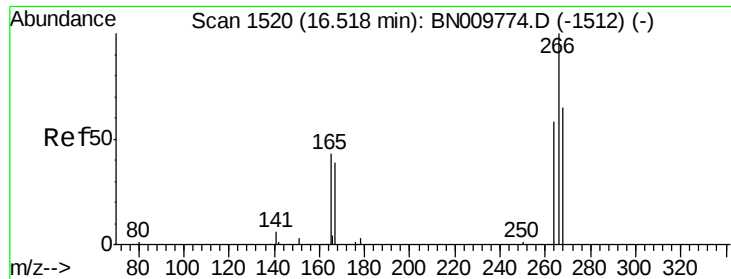


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.189 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

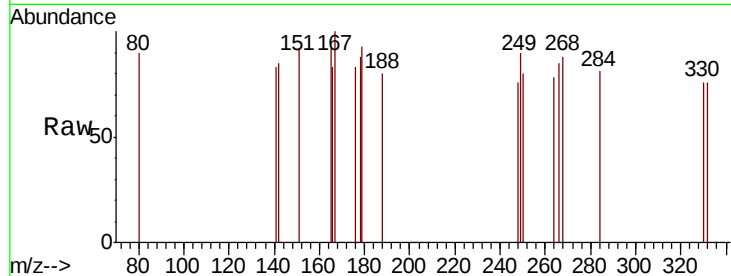
Tot Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 92.0 58.1 87.1#

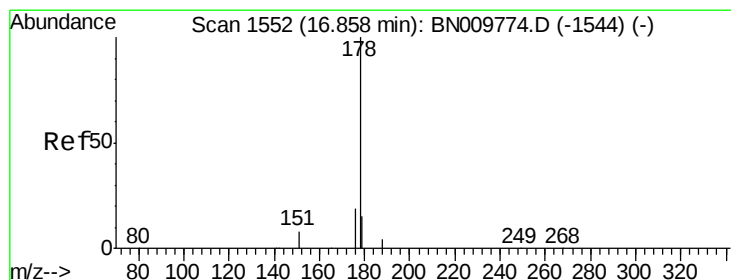
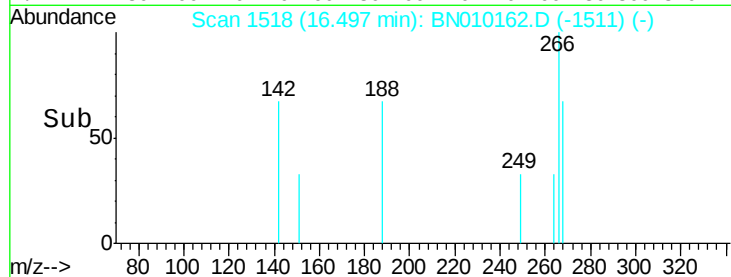
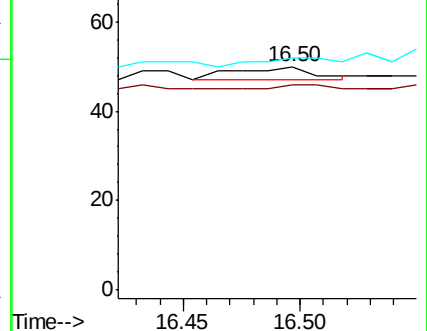
268 104.0 65.7 98.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.012 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

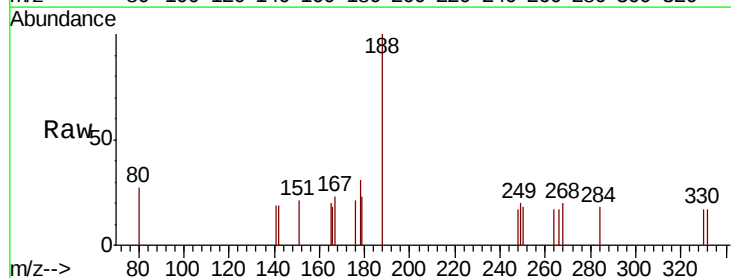
Tgt Ion:178 Resp: 108

Ion Ratio Lower Upper

178 100

176 24.1 15.3 22.9#

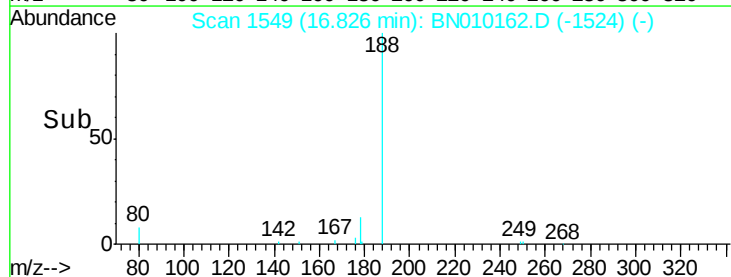
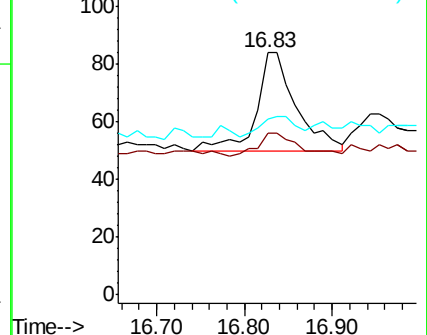
179 17.6 12.4 18.6

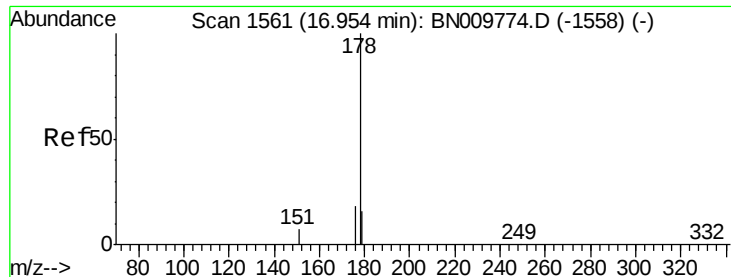


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.006 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

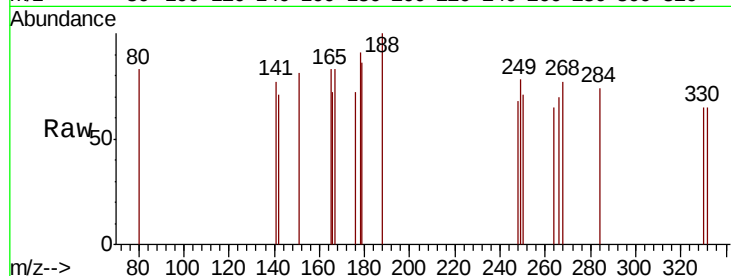
Tot Ion:178 Resp: 47

Ion Ratio Lower Upper

178 100

176 10.6 14.3 21.5#

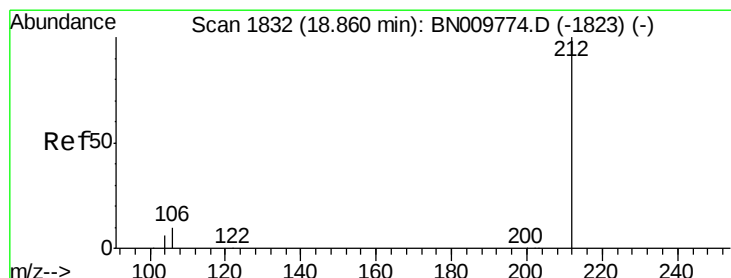
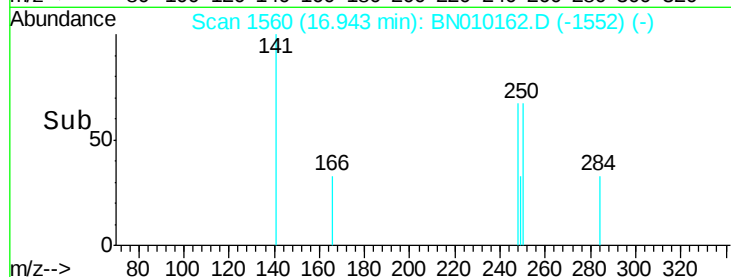
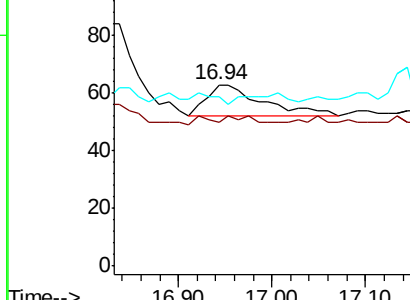
179 0.0 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

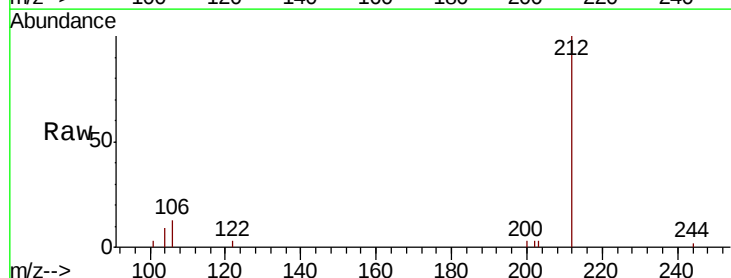
Tgt Ion:212 Resp: 3736

Ion Ratio Lower Upper

212 100

106 10.4 8.4 12.6

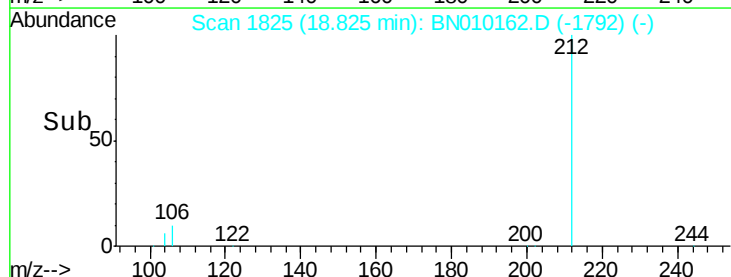
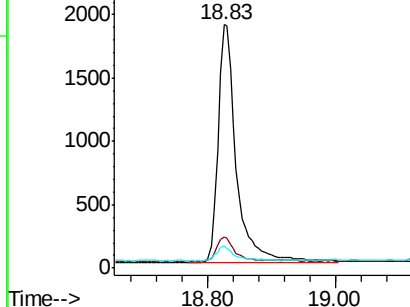
104 6.0 4.8 7.2

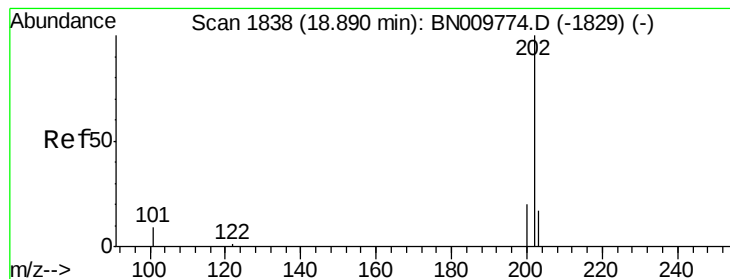


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.004 ng

RT: 18.86 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

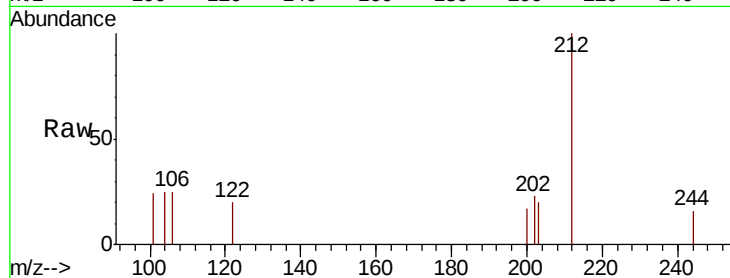
Tot Ion:202 Resp: 49

Ion Ratio Lower Upper

202 100

101 73.5 7.1 10.7#

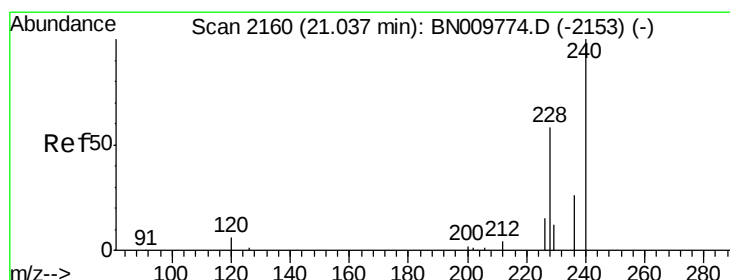
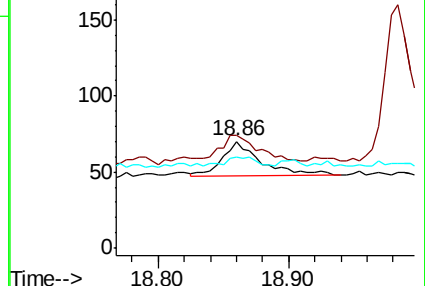
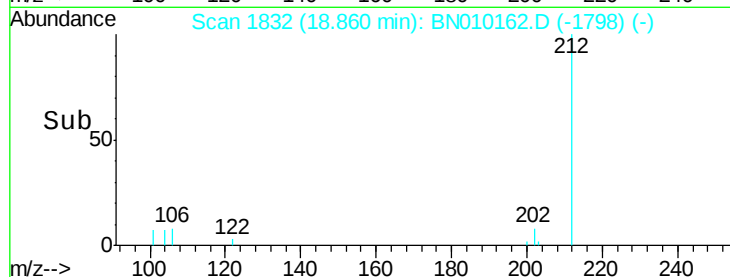
203 20.4 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

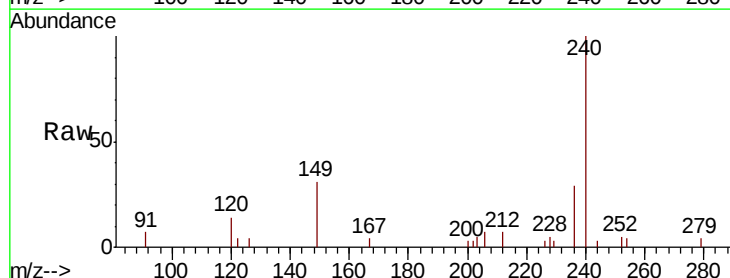
Tgt Ion:240 Resp: 3420

Ion Ratio Lower Upper

240 100

120 13.9 7.9 11.9#

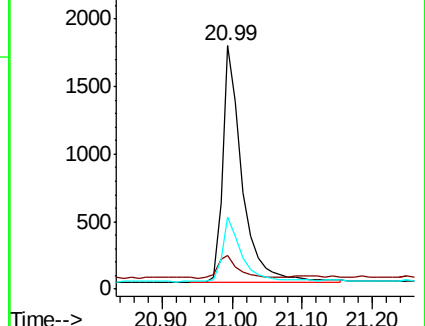
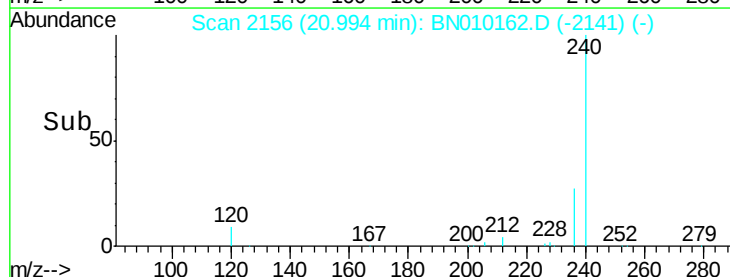
236 29.4 22.0 33.0

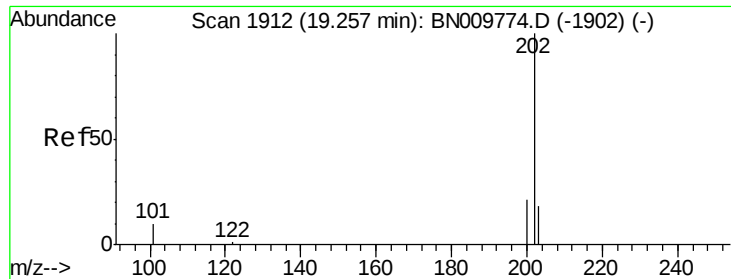


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.004 ng

RT: 19.23 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

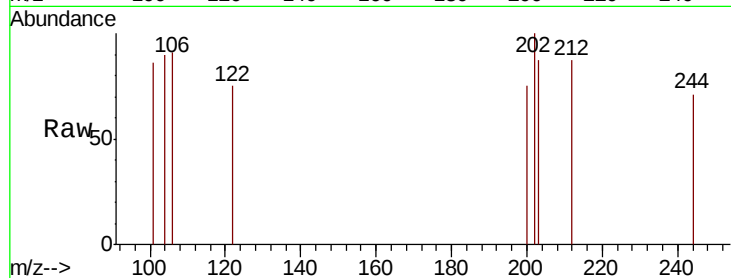
Tot Ion:202 Resp: 47

Ion Ratio Lower Upper

202 100

200 0.0 16.4 24.6#

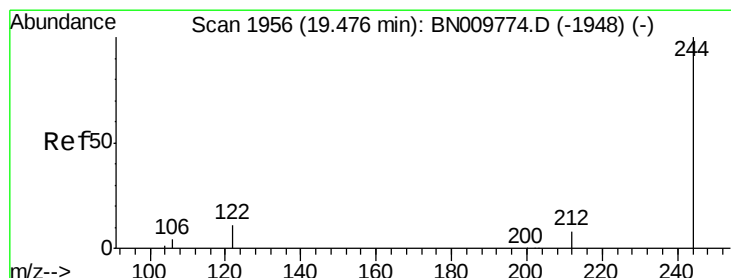
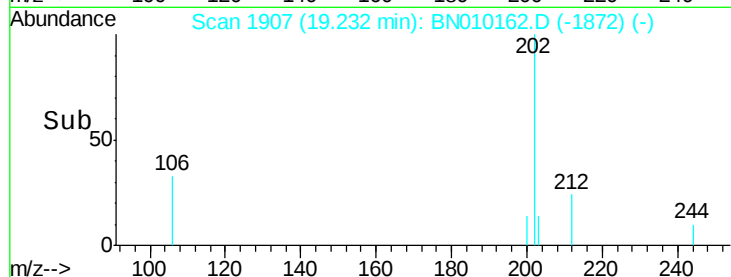
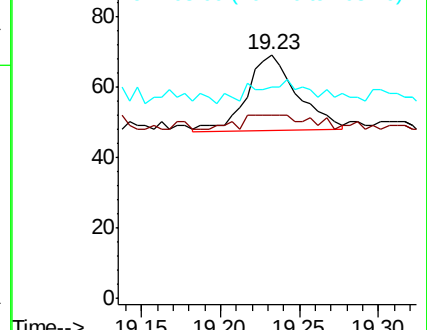
203 14.9 13.9 20.9



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: 0.424 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

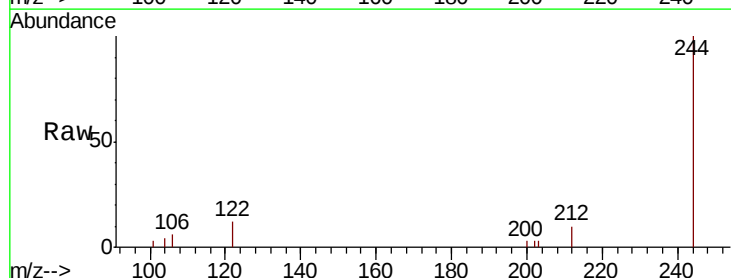
Tgt Ion:244 Resp: 3462

Ion Ratio Lower Upper

244 100

212 10.2 8.0 12.0

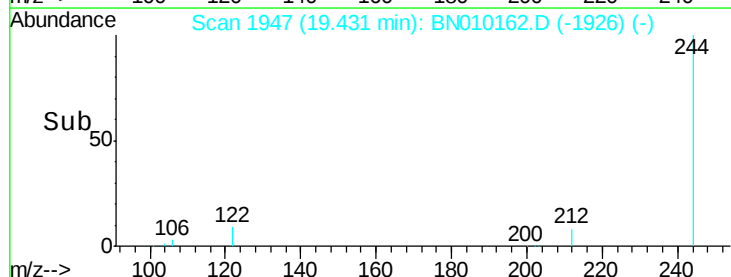
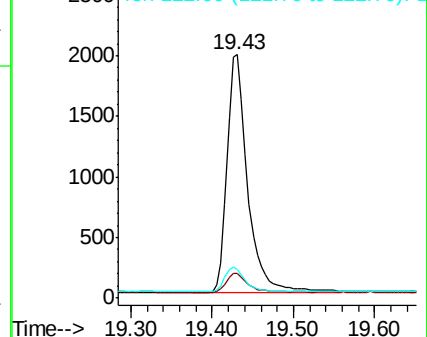
122 12.0 10.0 15.0

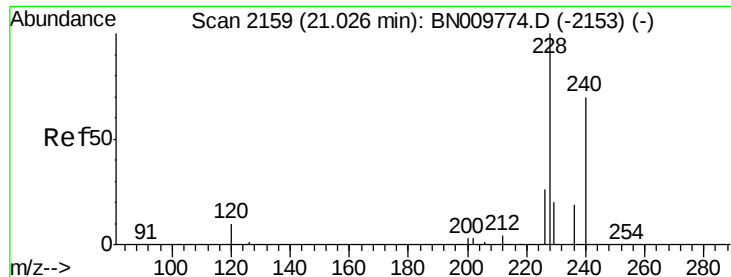


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.007 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

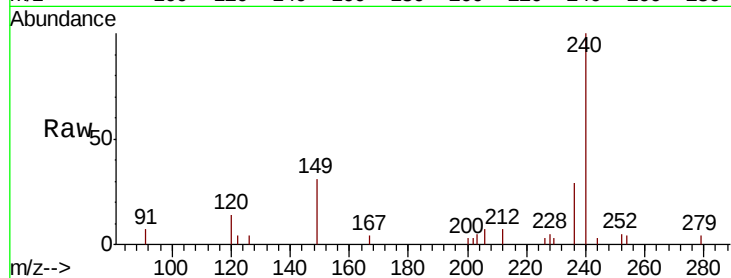
Tot Ion:228 Resp: 85

Ion Ratio Lower Upper

228 100

226 68.9 21.8 32.8#

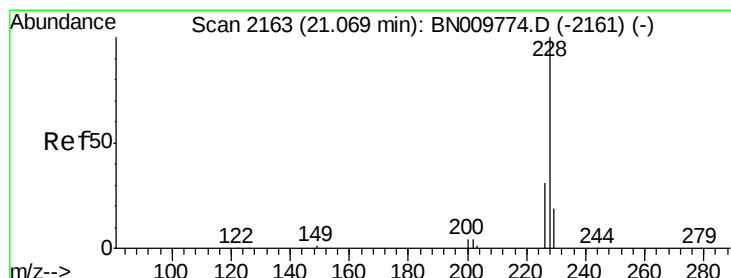
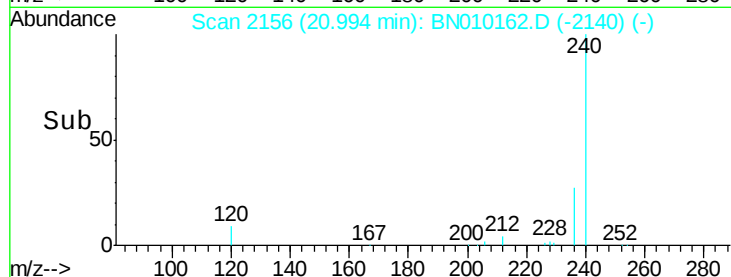
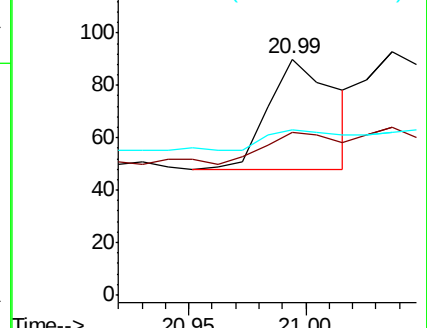
229 70.0 17.1 25.7#



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: 0.008 ng

RT: 21.04 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

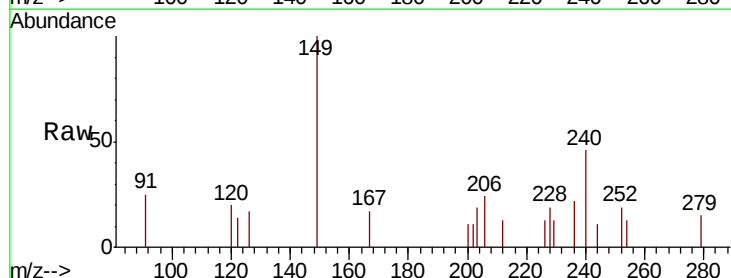
Tgt Ion:228 Resp: 104

Ion Ratio Lower Upper

228 100

226 68.8 24.8 37.2#

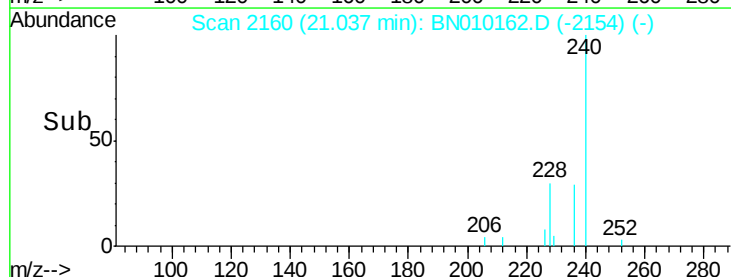
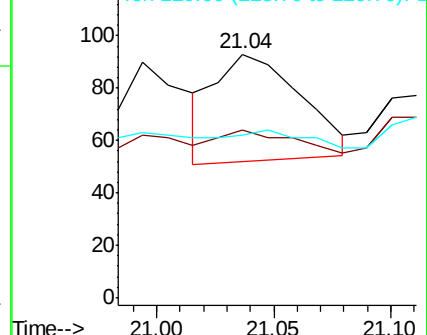
229 66.7 16.4 24.6#

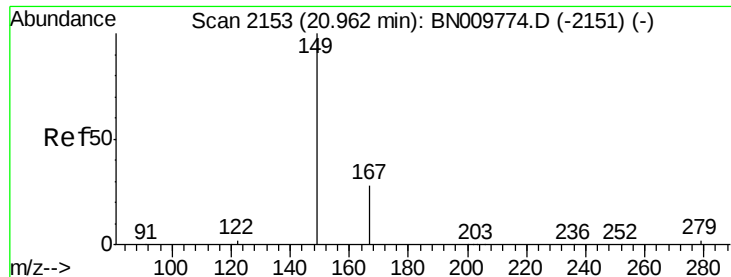


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

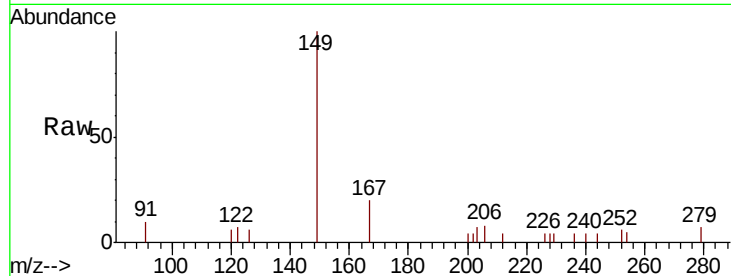




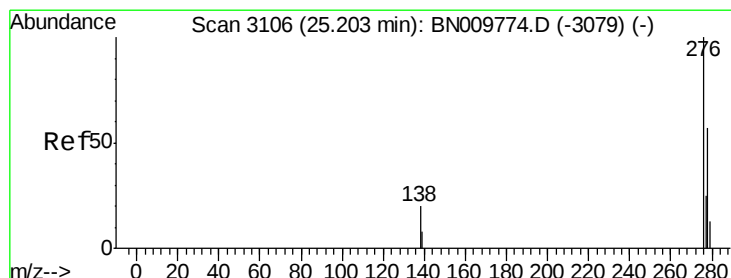
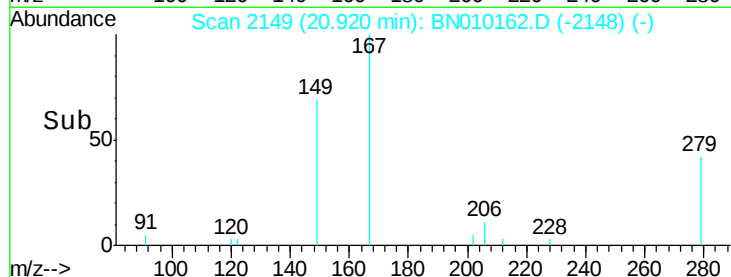
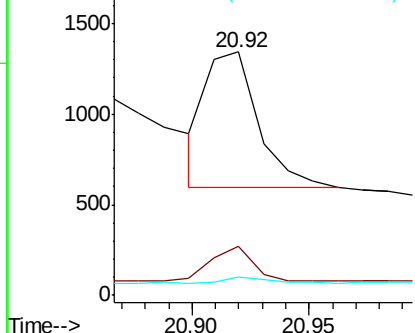
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.212 ng
 RT: 20.92 min Scan# 2149
 Delta R.T. -0.04 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

Instrument :
 BNA_N
 ClientSampleId :
 PB127383BL

Tot Ion:149 Resp: 1172
 Ion Ratio Lower Upper
 149 100
 167 20.4 22.7 34.1#
 279 3.5 3.1 4.7

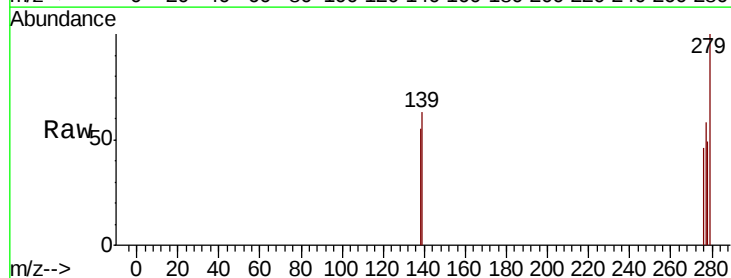


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

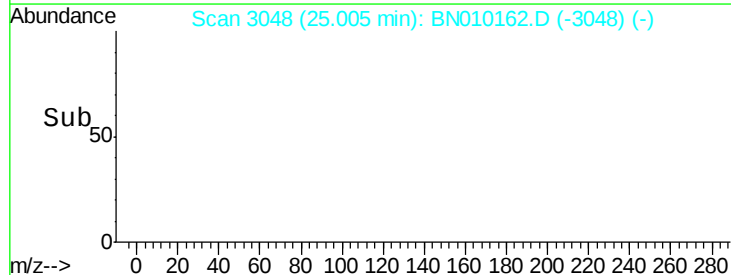
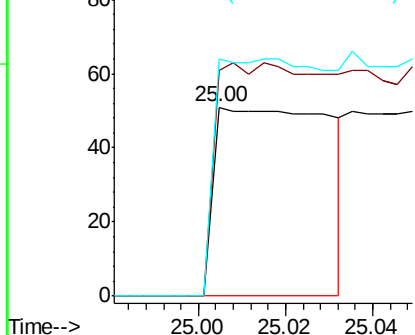


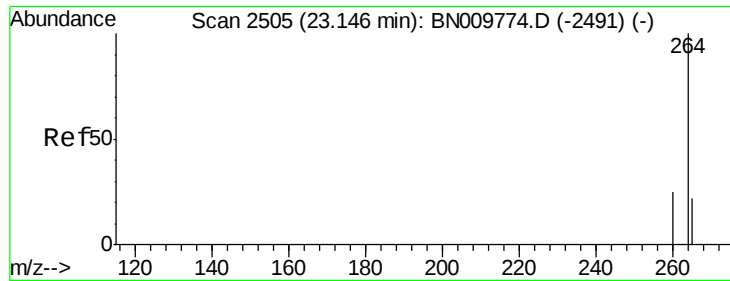
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.007 ng
 RT: 25.00 min Scan# 3048
 Delta R.T. -0.20 min
 Lab File: BN010162.D
 Acq: 10 Mar 2020 15:32

Tgt Ion:276 Resp: 92
 Ion Ratio Lower Upper
 276 100
 138 41.3 15.8 23.6#
 277 112.0 19.3 28.9#



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

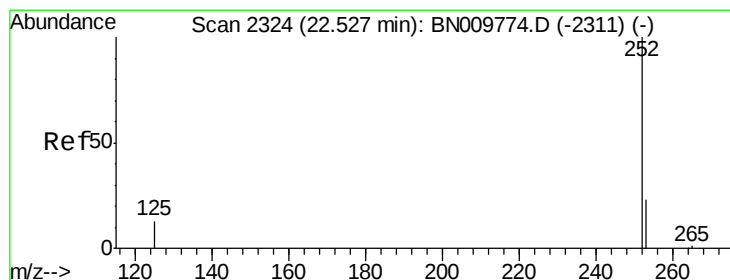
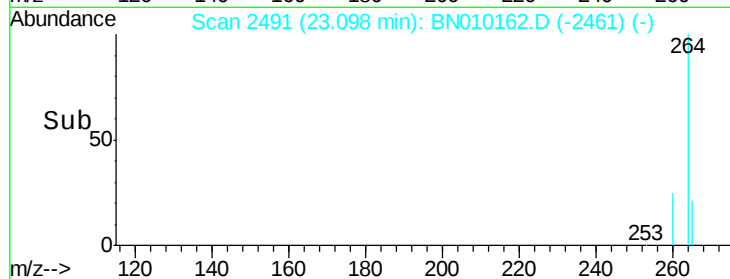
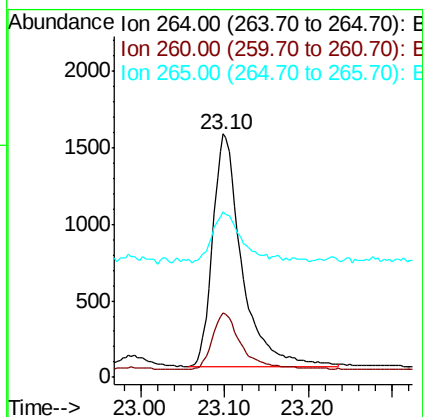
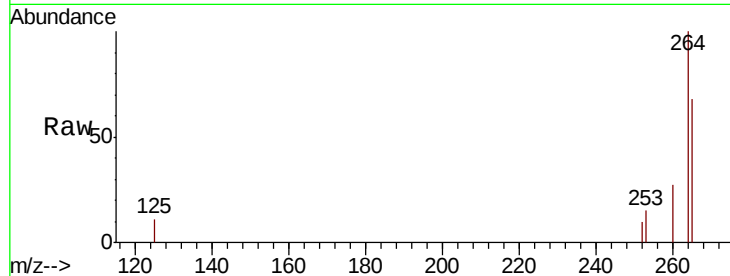




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

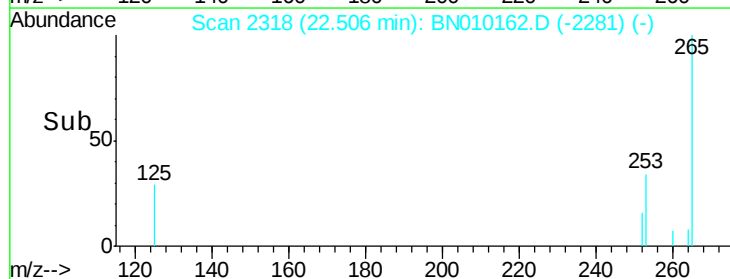
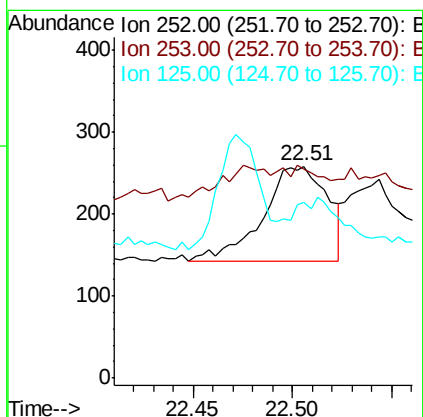
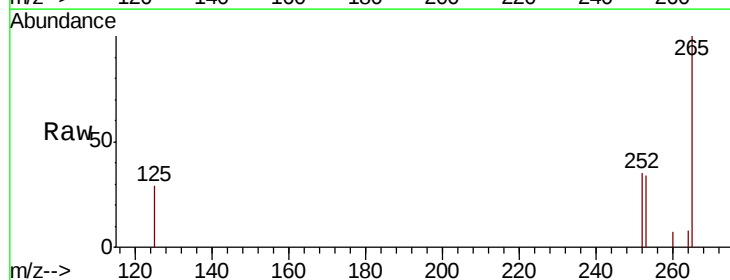
Instrument :
BNA_N
ClientSampleId :
PB127383BL

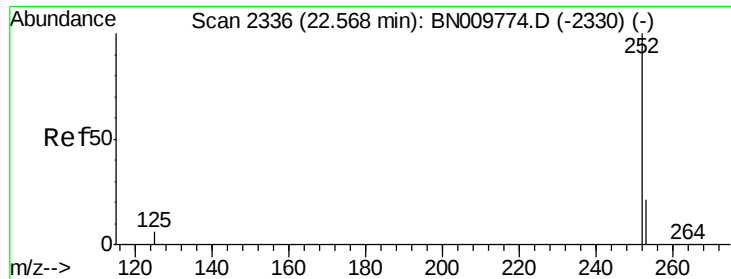
Tot Ion:264 Resp: 3718
Ion Ratio Lower Upper
264 100
260 26.5 21.1 31.7
265 68.1 57.5 86.3



#35
Benzo(b)fluoranthene
Concen: 0.019 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:252 Resp: 261
Ion Ratio Lower Upper
252 100
253 98.5 23.0 34.6#
125 82.6 14.4 21.6#





#36

Benzo(k)fluoranthene

Concen: 0.018 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.06 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

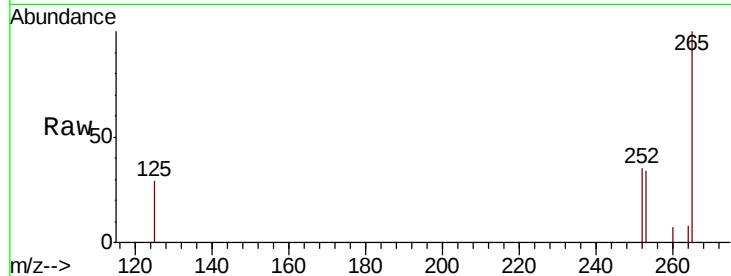
Tot Ion:252 Resp: 261

Ion Ratio Lower Upper

252 100

253 98.5 22.2 33.2#

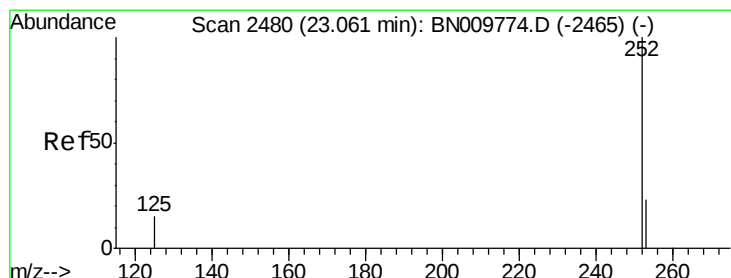
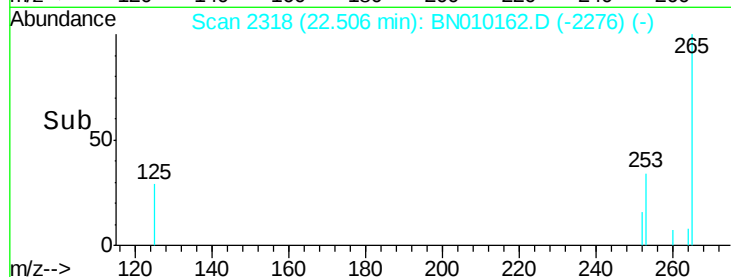
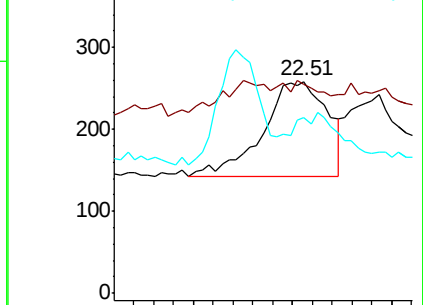
125 82.6 10.5 15.7#



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: 0.002 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.03 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

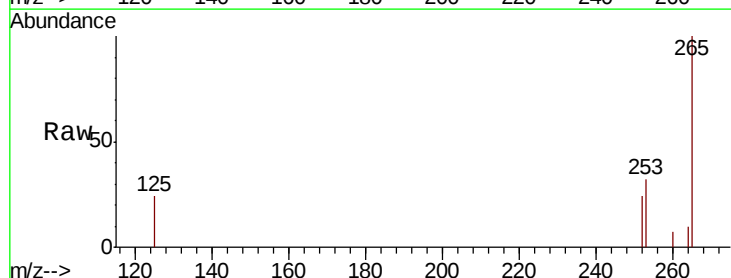
Tgt Ion:252 Resp: 25

Ion Ratio Lower Upper

252 100

253 131.9 25.3 37.9#

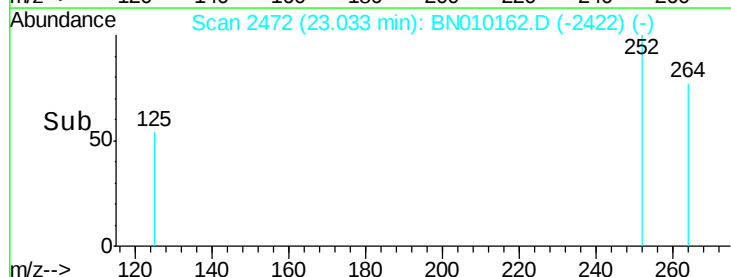
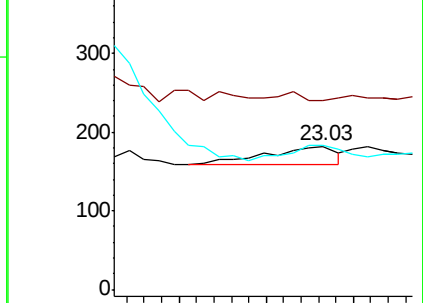
125 100.5 17.7 26.5#

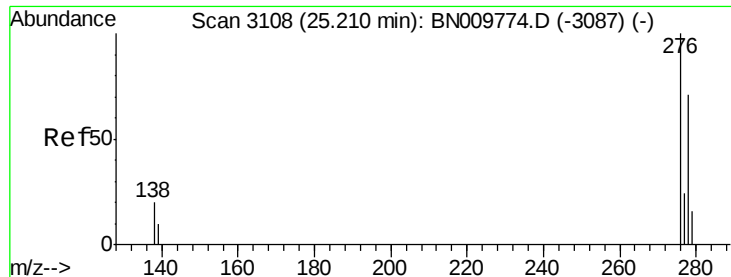


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 25.00 min Scan# 3048

Delta R.T. -0.21 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

Instrument :

BNA_N

ClientSampleId :

PB127383BL

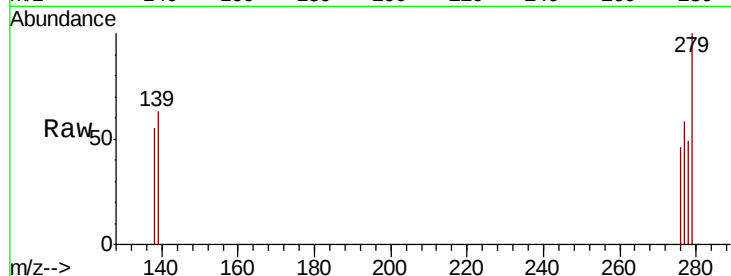
Tot Ion:278 Resp: 44

Ion Ratio Lower Upper

278 100

139 127.8 14.5 21.7#

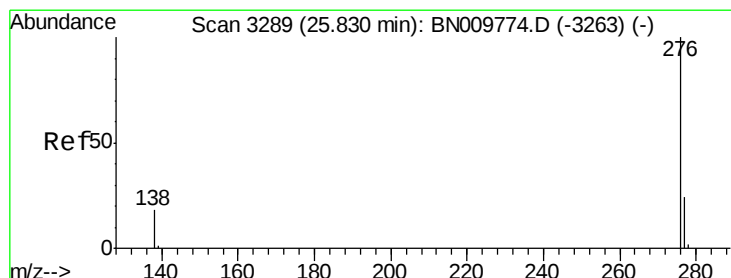
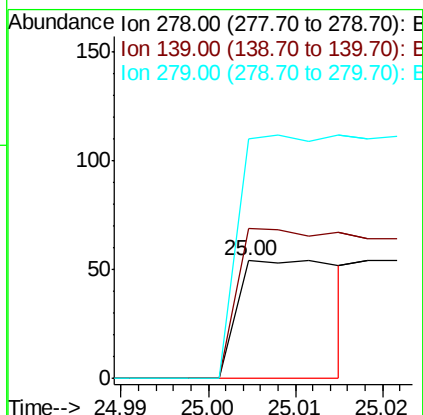
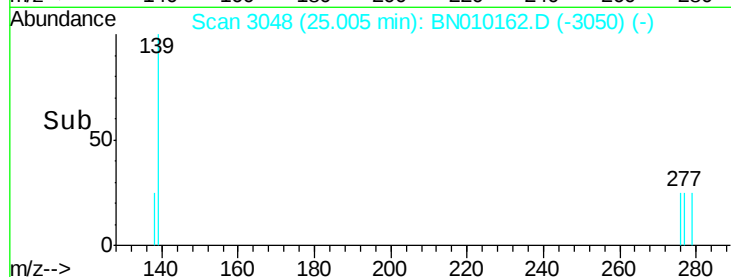
279 203.7 24.3 36.5#



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: 0.000 ng

RT: 25.75 min Scan# 3265

Delta R.T. -0.08 min

Lab File: BN010162.D

Acq: 10 Mar 2020 15:32

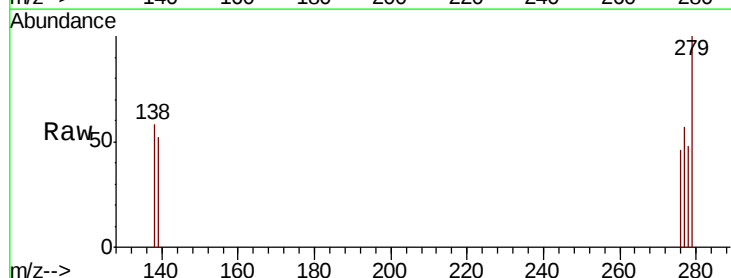
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

277 123.5 21.4 32.0#

138 125.5 16.6 24.8#



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

