

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010639.D
 Acq On : 29 Apr 2020 00:52
 Operator : CG/JU
 Sample : L2423-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 29 02:04:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3443	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14762	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9812	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21990	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18186	0.40	ng	-0.01
34) Perylene-d12	23.32	264	16770	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	800	0.11	ng	0.00
5) Phenol-d6	6.78	99	618	0.06	ng	0.00
8) Nitrobenzene-d5	8.72	82	3162	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	6857	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	1434	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.83	172	11112	0.31	ng	0.00
25) Fluoranthene-d10	18.99	212	22204	0.33	ng	0.00
29) Terphenyl-d14	19.61	244	18150	0.44	ng	0.00

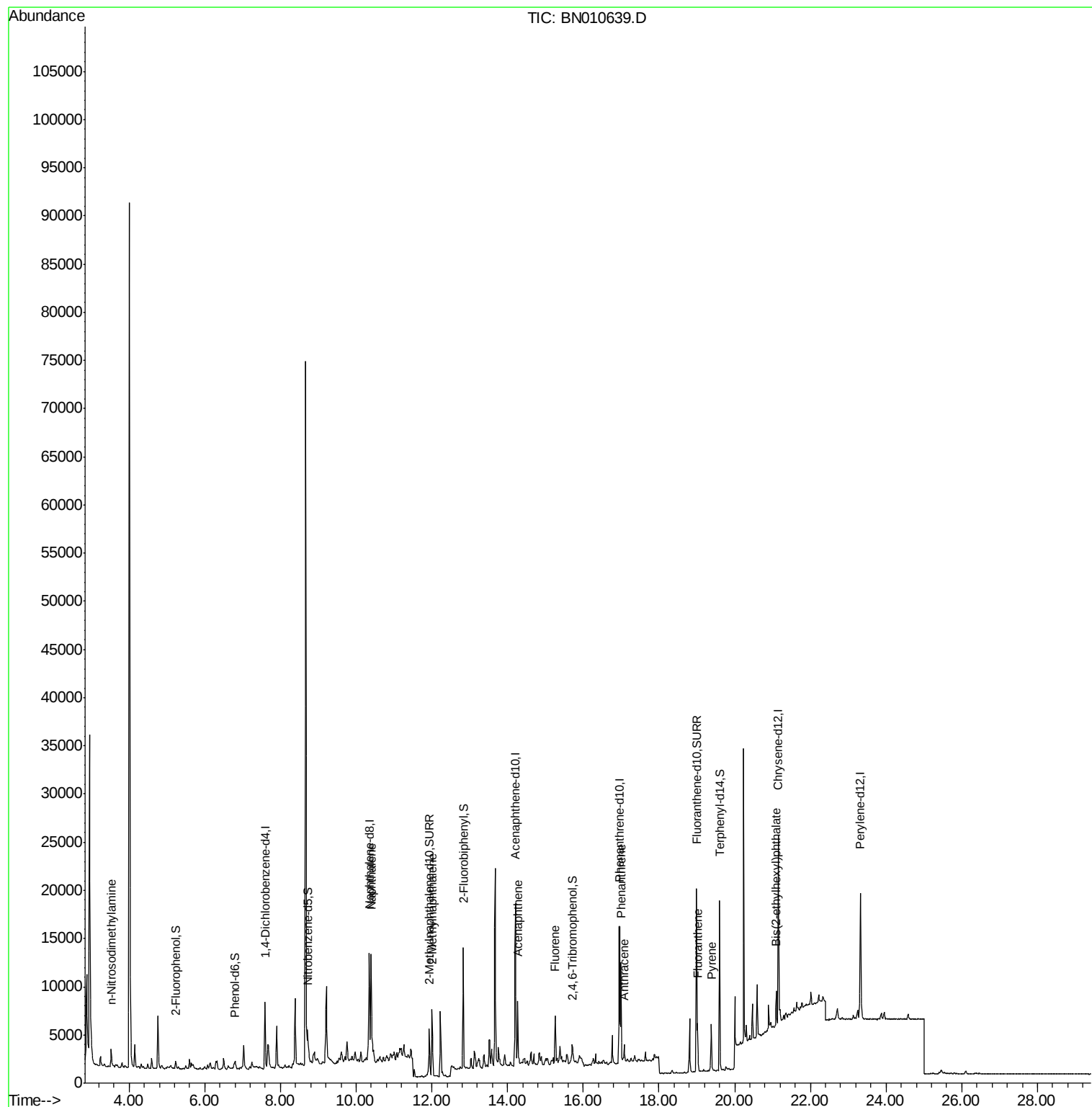
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.52	42	227	0.138	ng	# 1
9) Naphthalene	10.39	128	14265	0.389	ng	99
12) 2-Methylnaphthalene	12.01	142	5178	0.197	ng	98
17) Acenaphthene	14.26	154	2858	0.105	ng	99
18) Fluorene	15.26	166	3308	0.093	ng	99
23) Phenanthrene	16.99	178	11106	0.187	ng	99
24) Anthracene	17.09	178	1805	0.033	ng	96
26) Fluoranthene	19.02	202	4411	0.060	ng	98
28) Pyrene	19.39	202	4712	0.077	ng	95
32) Bis(2-ethylhexyl)phthalate	21.10	149	2984	0.098	ng	97

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

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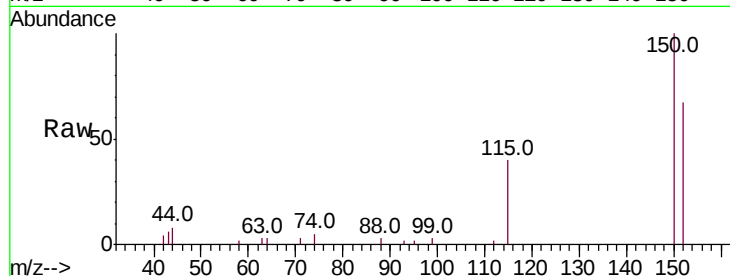


#1

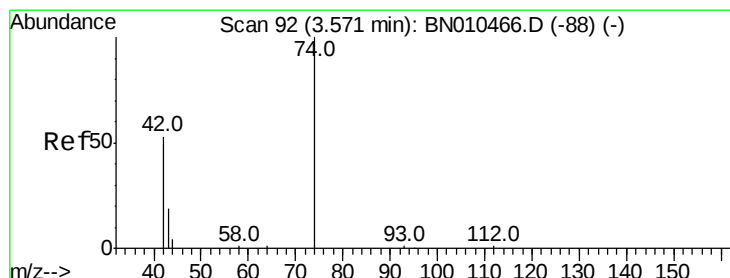
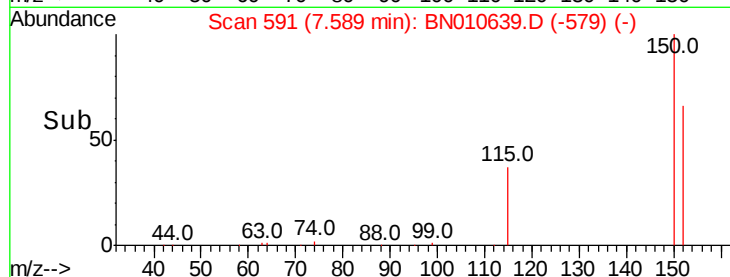
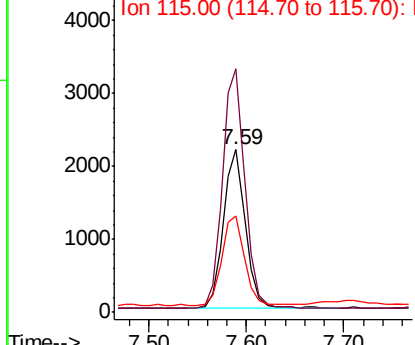
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3443
Ion Ratio Lower Upper
152 100
150 149.4 121.8 182.6
115 59.4 45.5 68.3



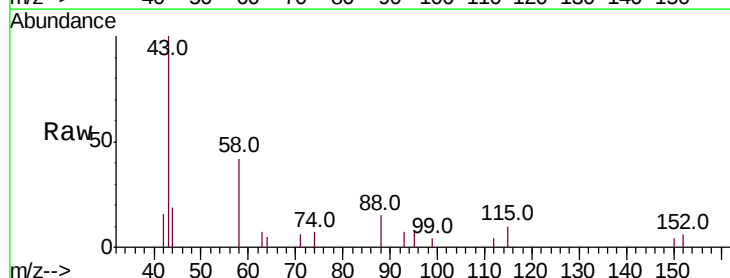
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



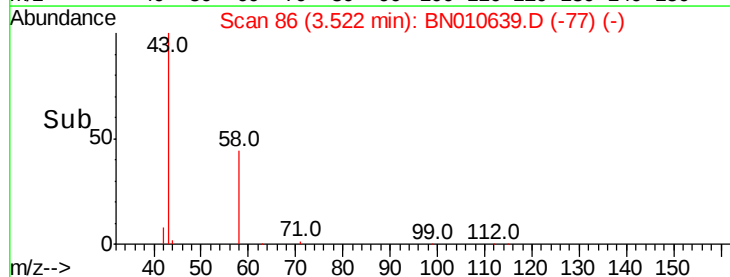
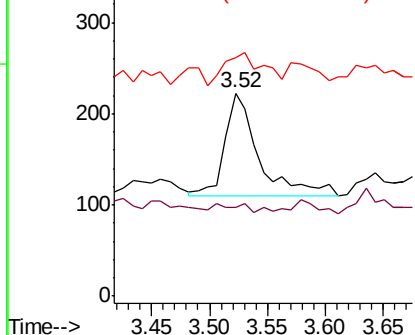
#3

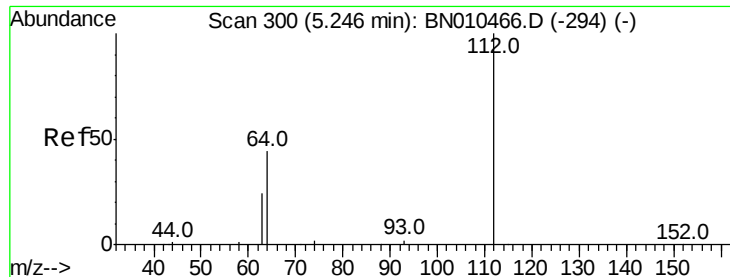
n-Nitrosodimethylamine
Concen: 0.138 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.02 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

Tgt Ion: 42 Resp: 227
Ion Ratio Lower Upper
42 100
74 0.0 162.2 243.4#
44 36.6 2.4 3.6#



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: 0.106 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampleId :

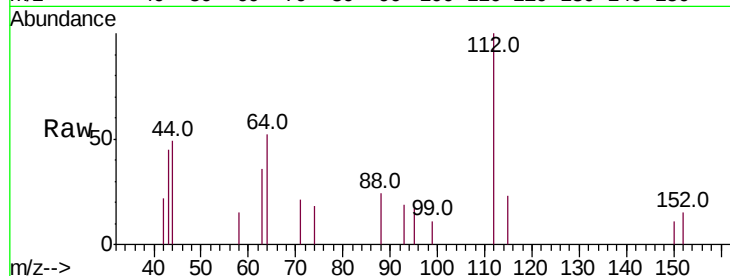
Tot Ion:112 Resp: 800

Ion Ratio Lower Upper

112 100

64 47.4 35.8 53.8

63 21.8 19.9 29.9

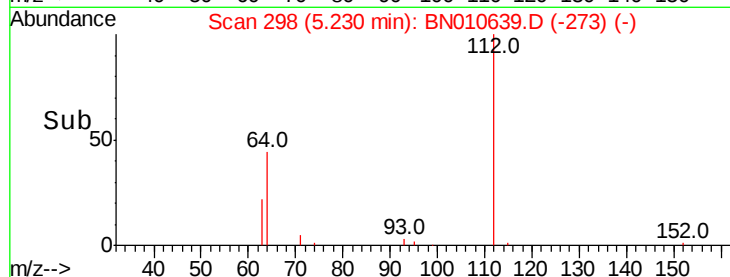


Abundance Ion 112.00 (111.70 to 112.70): E

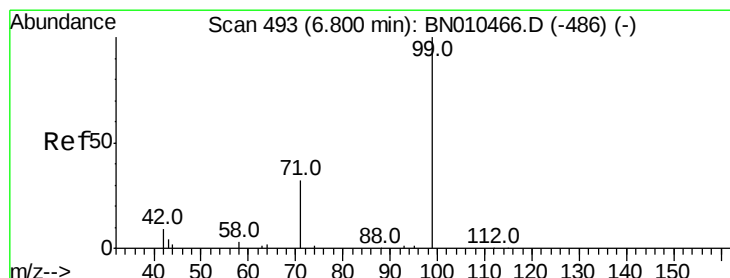
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.23



Time-->



#5

Phenol-d6

Concen: 0.063 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

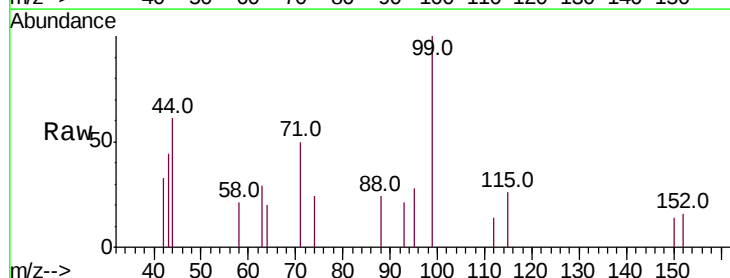
Tgt Ion: 99 Resp: 618

Ion Ratio Lower Upper

99 100

42 25.1 9.8 14.6#

71 40.5 27.8 41.8

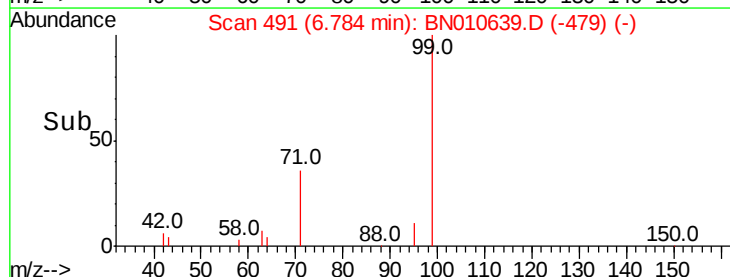


Abundance Ion 99.00 (98.70 to 99.70): BNC

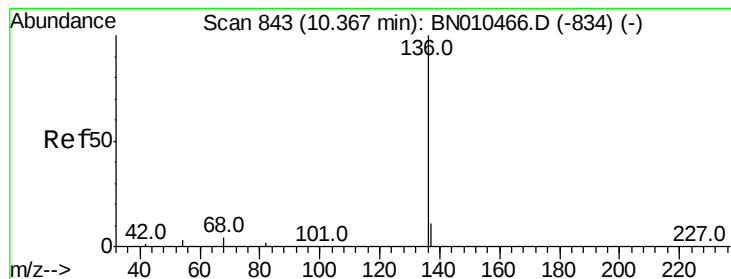
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.78



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 14762

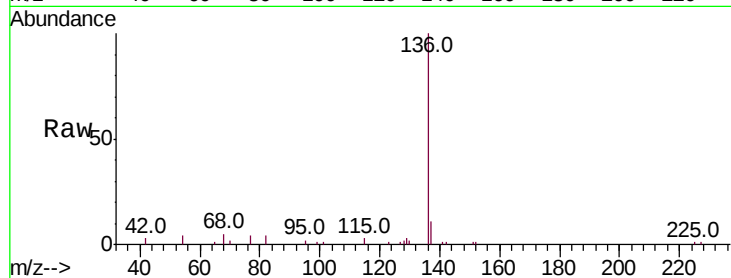
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 3.9 2.6 4.0

68 4.7 3.4 5.2

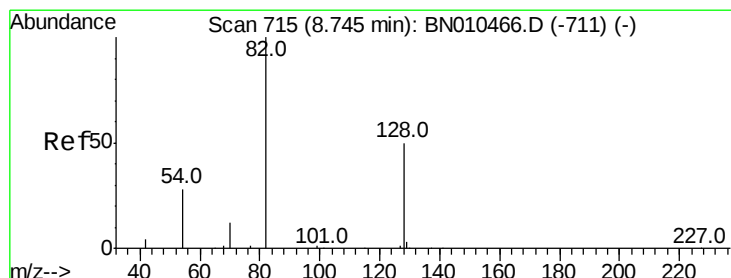
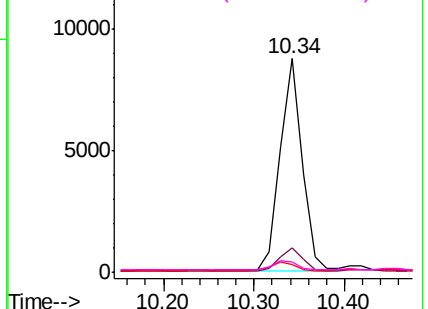
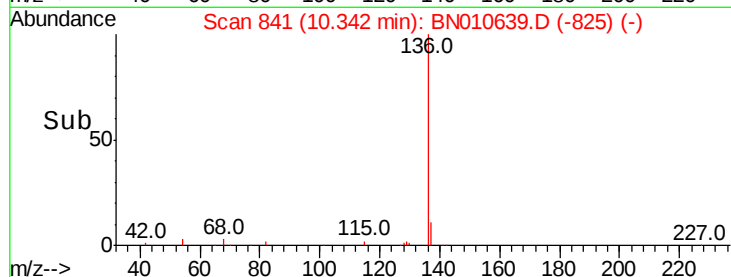


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.306 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

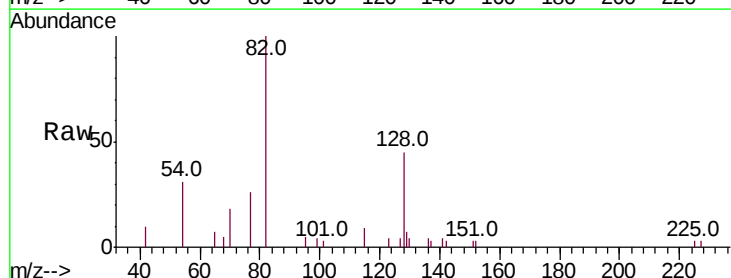
Tgt Ion: 82 Resp: 3162

Ion Ratio Lower Upper

82 100

128 45.4 41.3 61.9

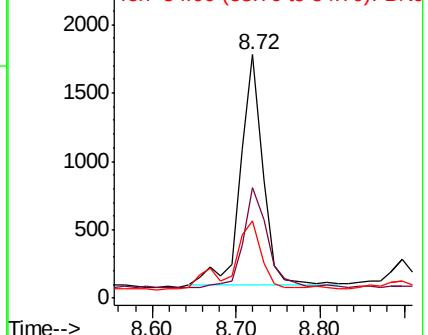
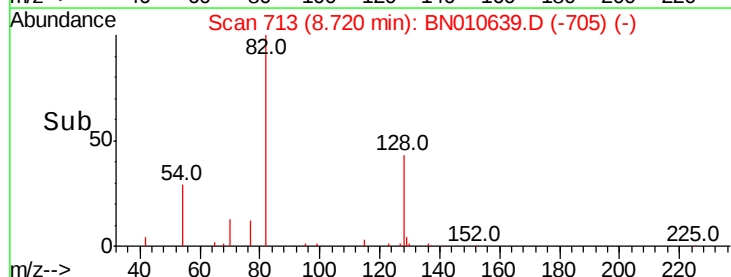
54 31.5 23.4 35.0

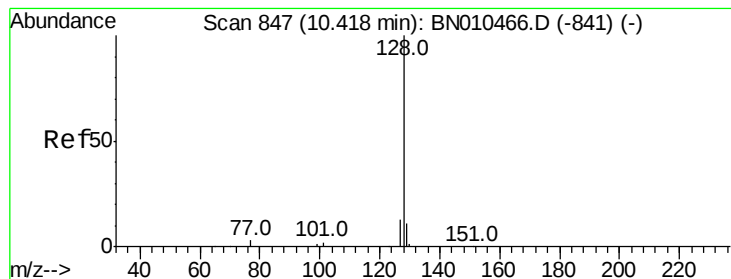


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampled :

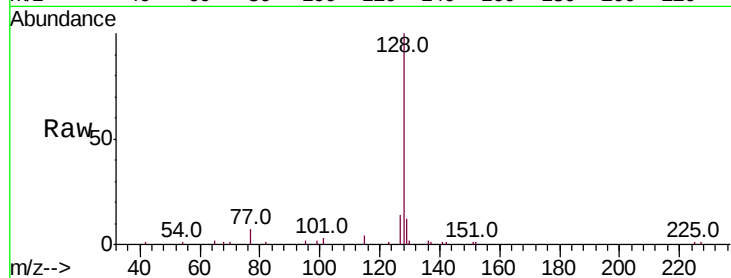
Tot Ion:128 Resp: 14265

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

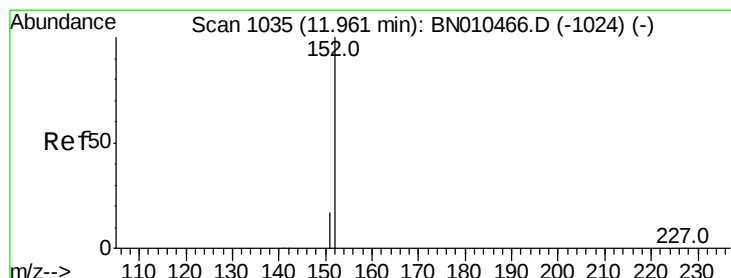
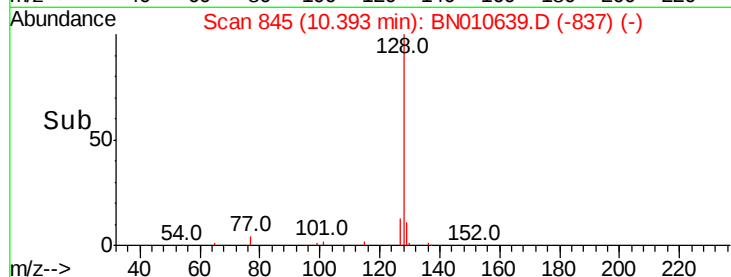
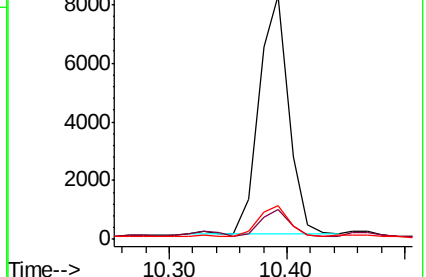
127 13.7 10.5 15.7



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



#11

2-Methylnaphthalene-d10

Concen: 0.283 ng

RT: 11.93 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BN010639.D

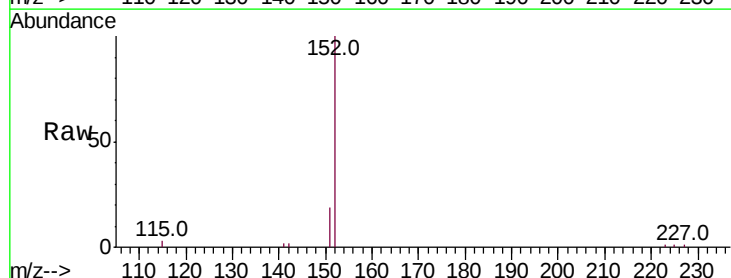
Acq: 29 Apr 2020 00:52

Tgt Ion:152 Resp: 6857

Ion Ratio Lower Upper

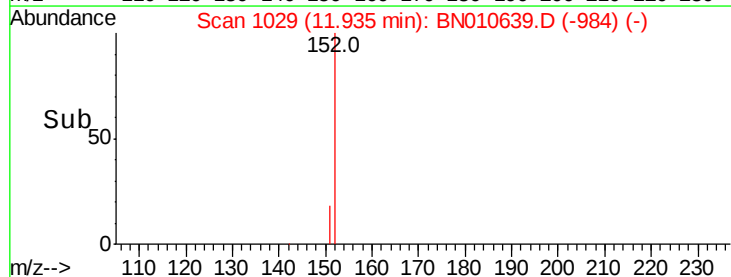
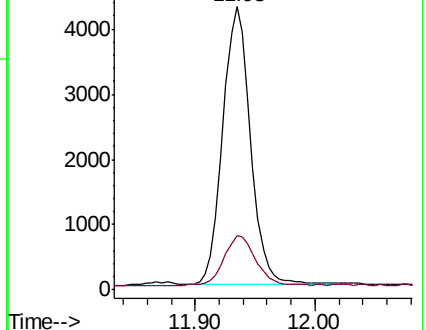
152 100

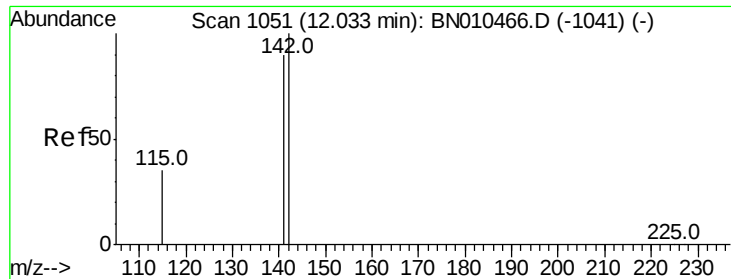
151 20.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

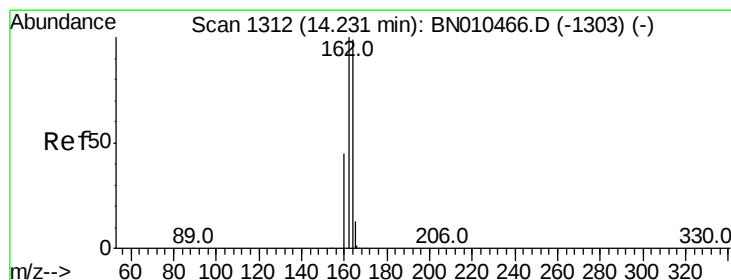
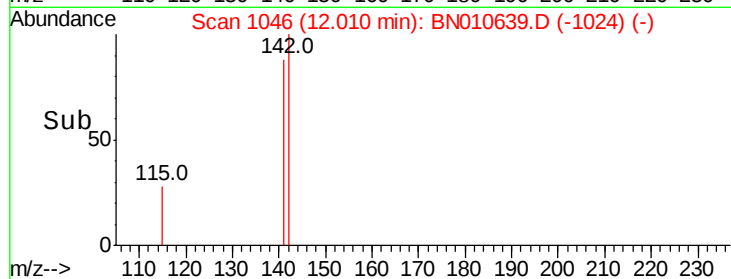
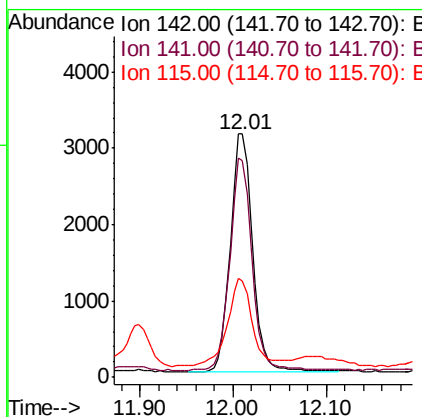
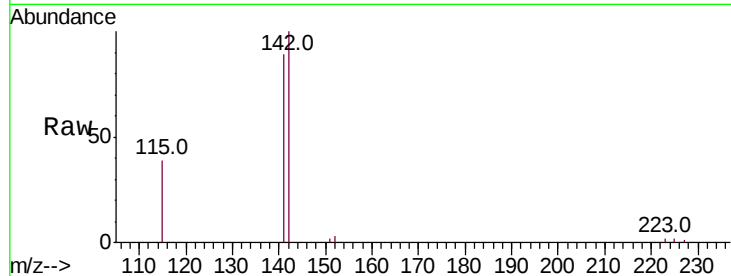




#12
2-Methylnaphthalene
Concen: 0.197 ng
RT: 12.01 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

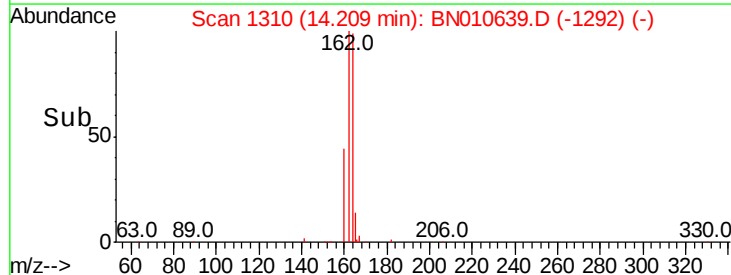
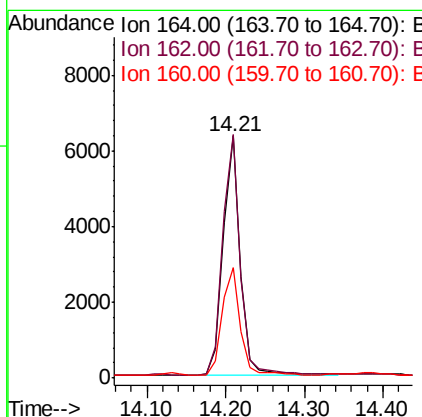
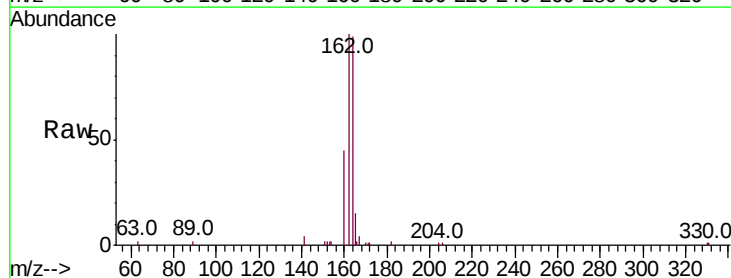
Instrument :
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ClientSampleId :

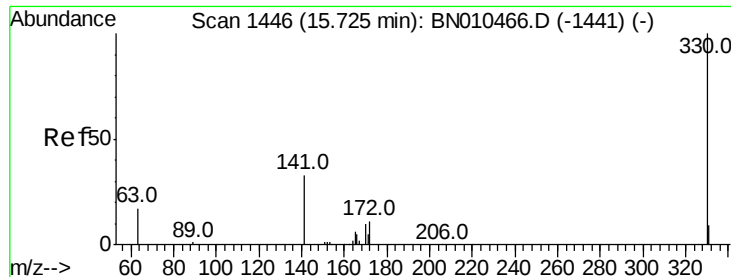
Tot Ion:142 Resp: 5178
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 39.5 28.8 43.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

Tgt Ion:164 Resp: 9812
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.5 36.5 54.7

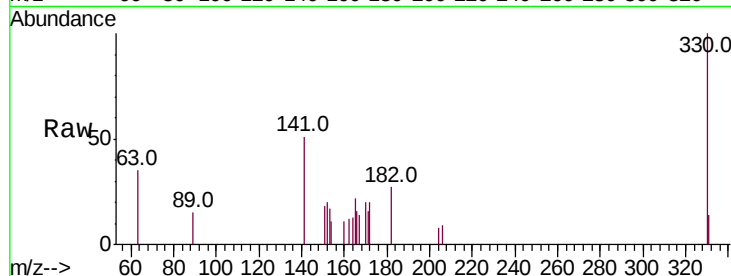




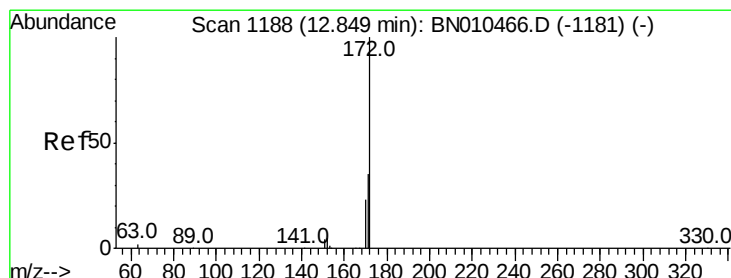
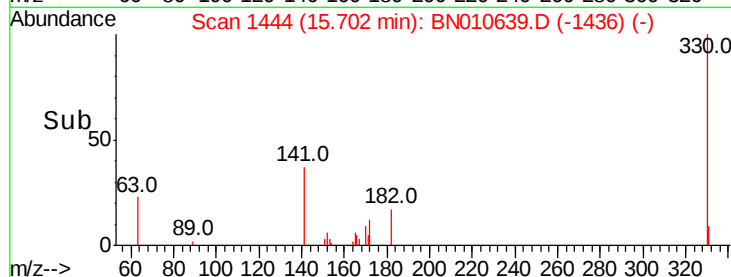
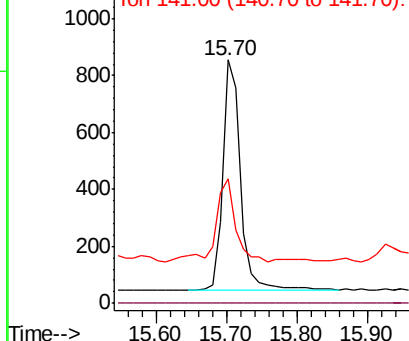
#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 15.70 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BN010639.D
 Acq: 29 Apr 2020 00:52

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1434
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.7 28.1 42.1

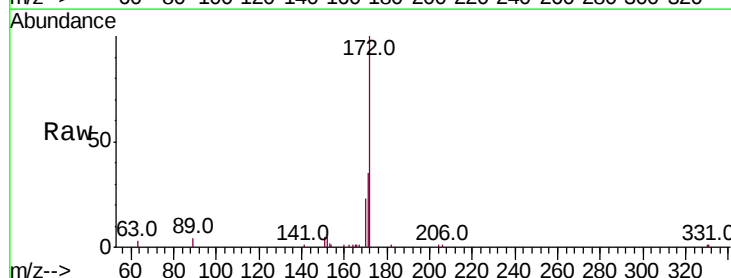


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

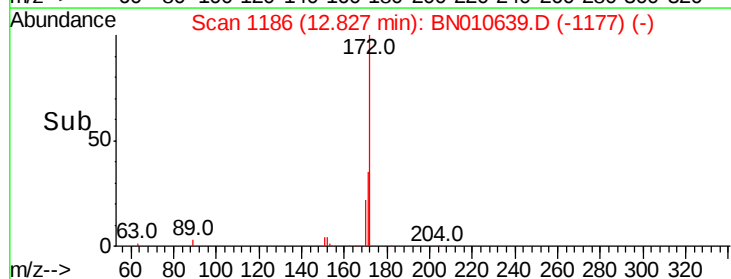
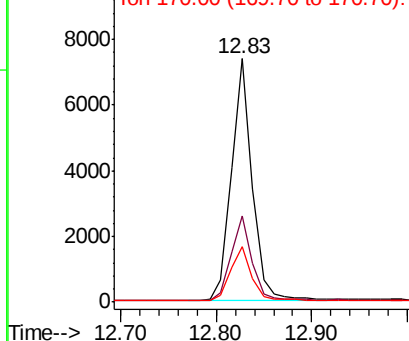


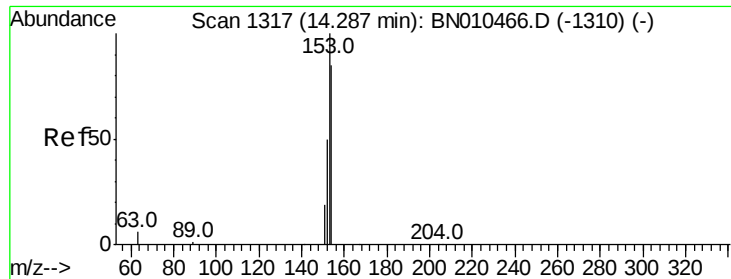
#15
 2-Fluorobiphenyl
 Concen: 0.311 ng
 RT: 12.83 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BN010639.D
 Acq: 29 Apr 2020 00:52

Tgt Ion:172 Resp: 11112
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 22.7 18.4 27.6



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





#17

Acenaphthene

Concen: 0.105 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampled :

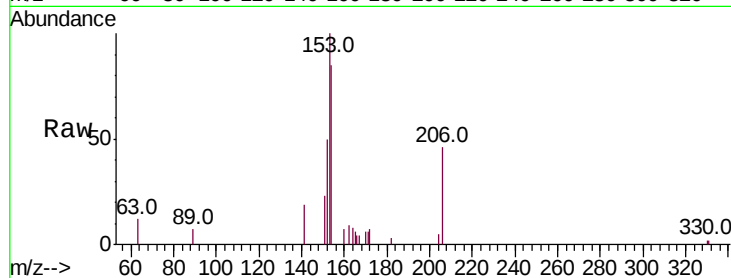
Tot Ion:154 Resp: 2858

Ion Ratio Lower Upper

154 100

153 113.4 91.0 136.4

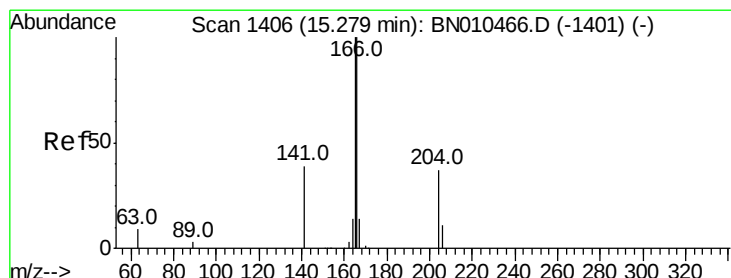
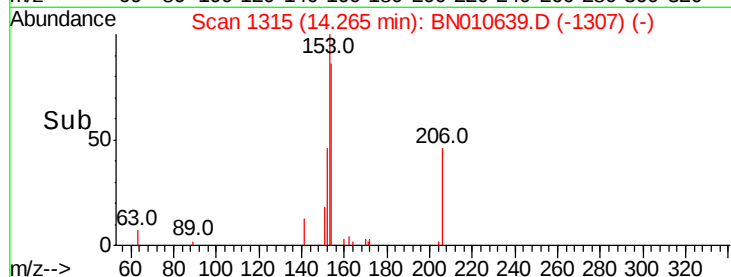
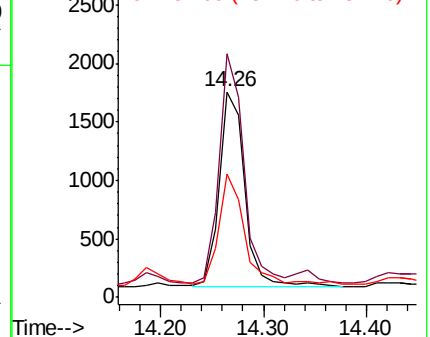
152 54.9 44.6 67.0



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: 0.093 ng

RT: 15.26 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

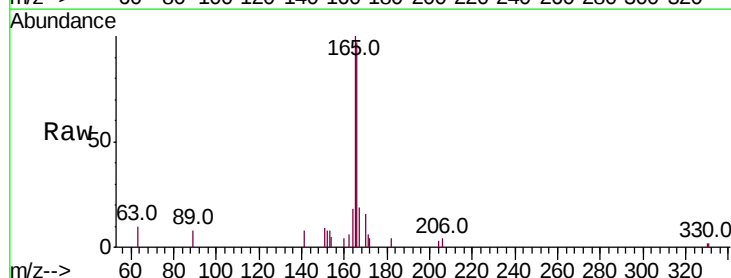
Tgt Ion:166 Resp: 3308

Ion Ratio Lower Upper

166 100

165 99.0 78.4 117.6

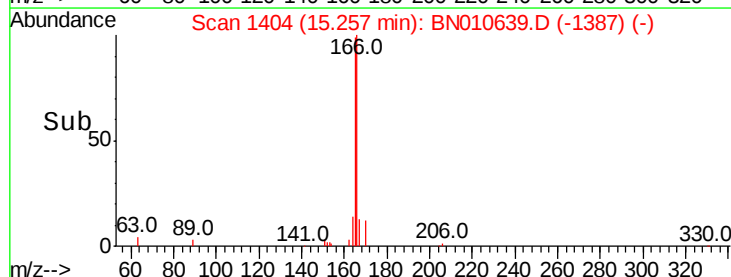
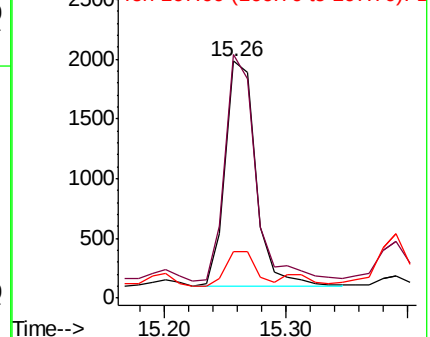
167 15.1 10.9 16.3

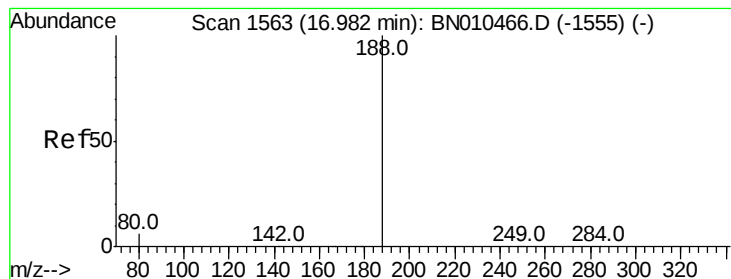


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampleId :

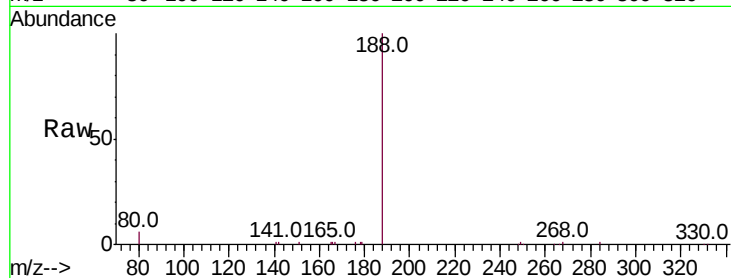
Tot Ion:188 Resp: 21990

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

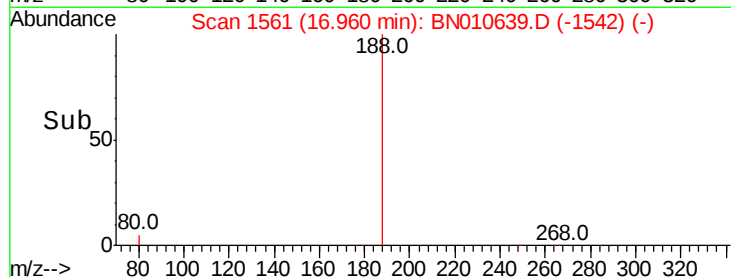
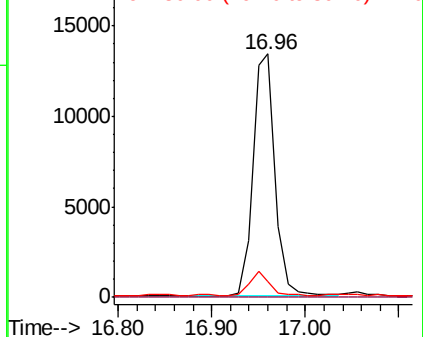
80 6.3 5.0 7.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#23

Phenanthrene

Concen: 0.187 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

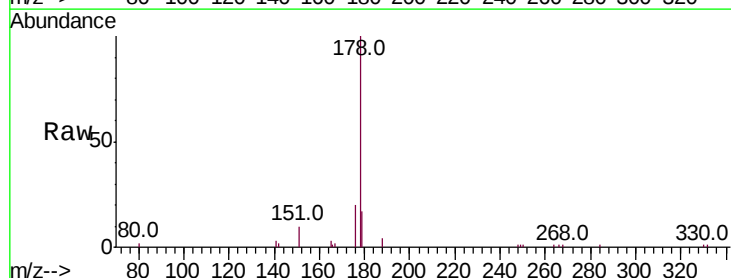
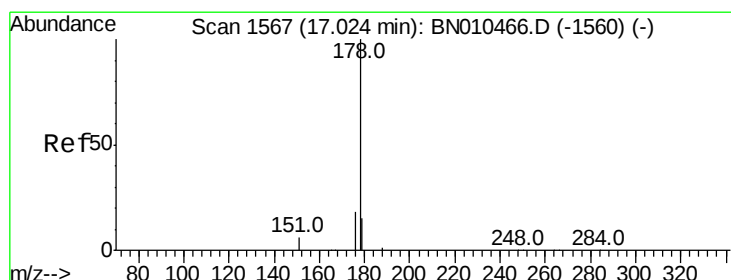
Tgt Ion:178 Resp: 11106

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

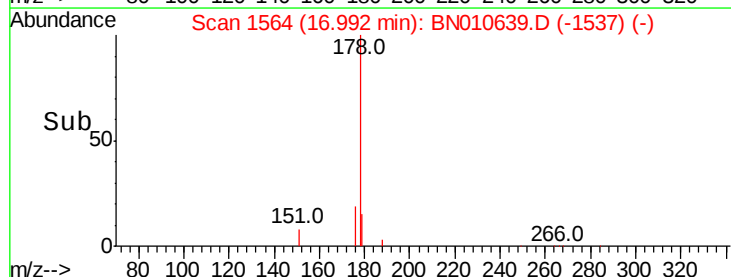
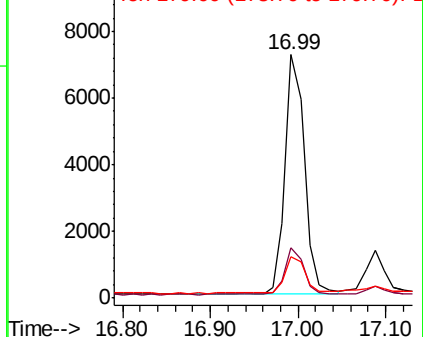
179 16.7 12.6 18.8

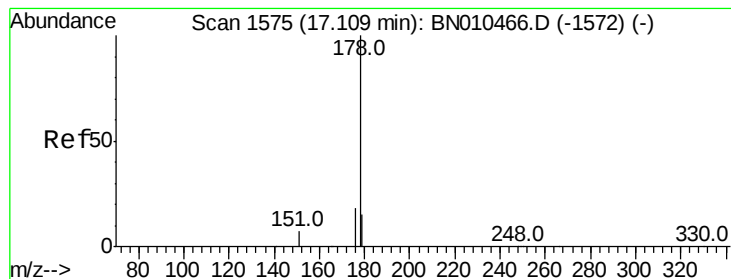


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.033 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampled :

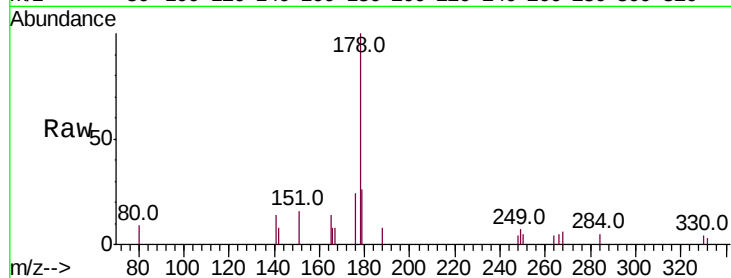
Tot Ion:178 Resp: 1805

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

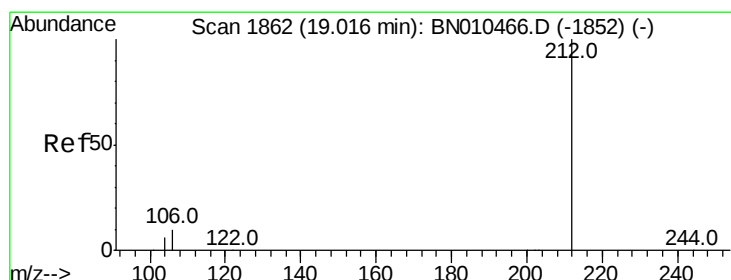
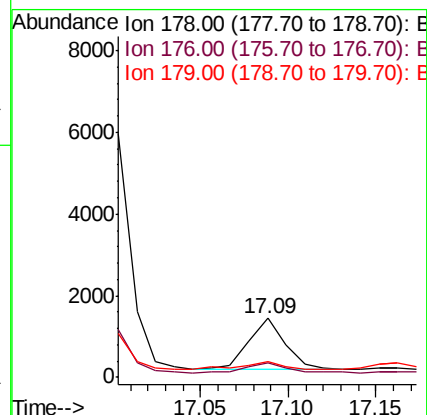
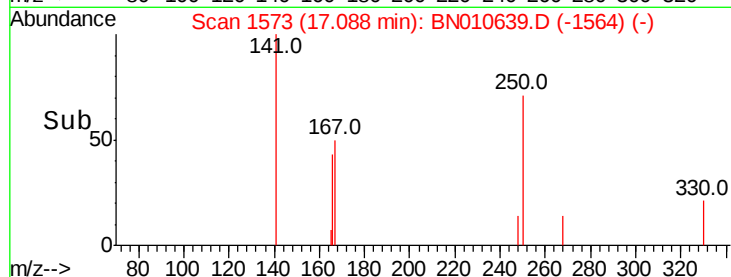
179 17.7 12.2 18.2



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: 0.333 ng

RT: 18.99 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

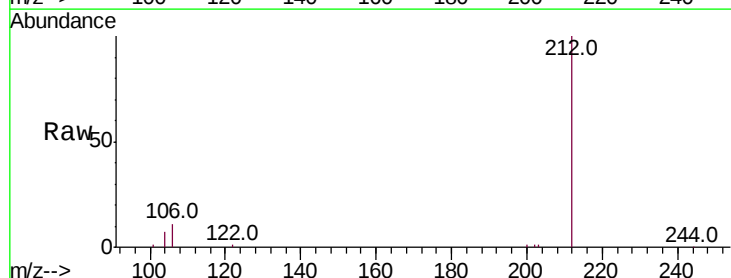
Tgt Ion:212 Resp: 22204

Ion Ratio Lower Upper

212 100

106 10.5 7.8 11.6

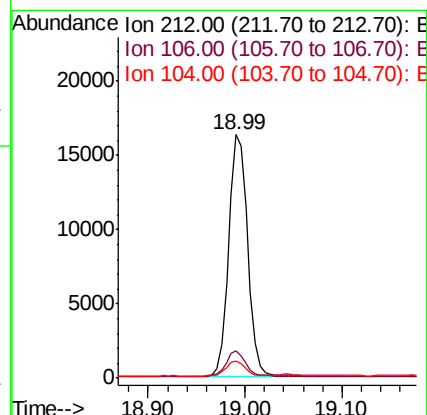
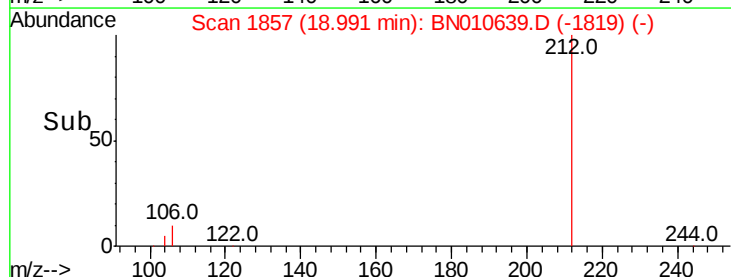
104 5.9 4.5 6.7

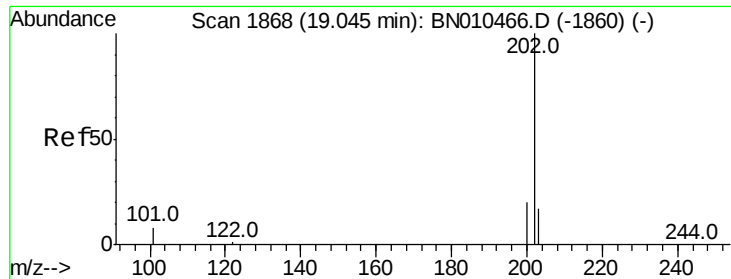


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

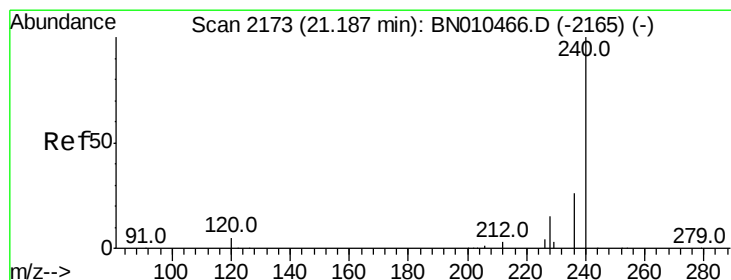
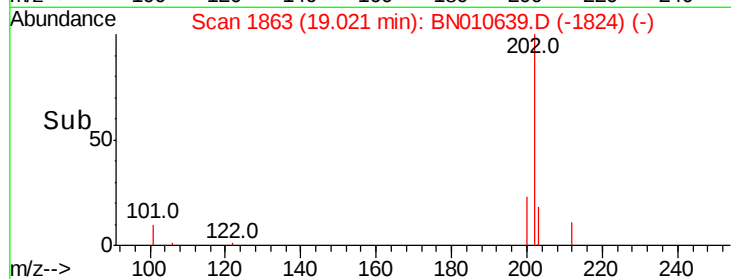
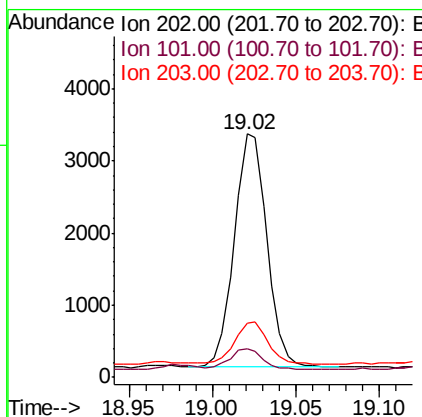
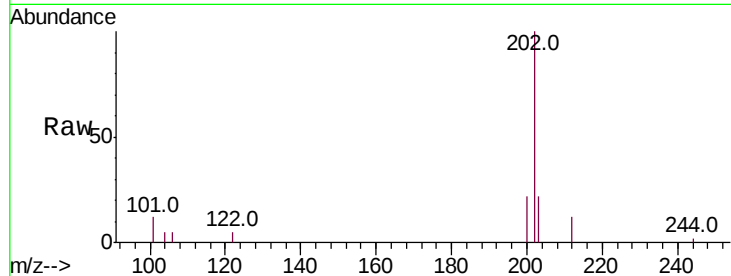




#26
 Fluoranthene
 Concen: 0.060 ng
 RT: 19.02 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BN010639.D
 Acq: 29 Apr 2020 00:52

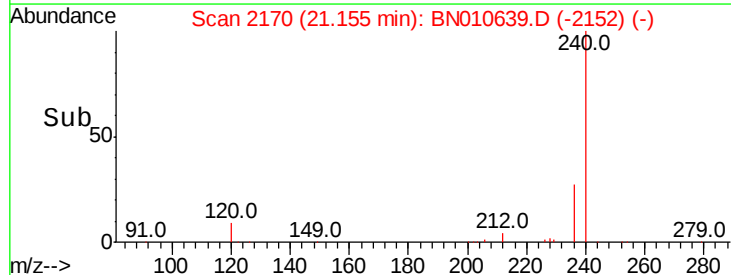
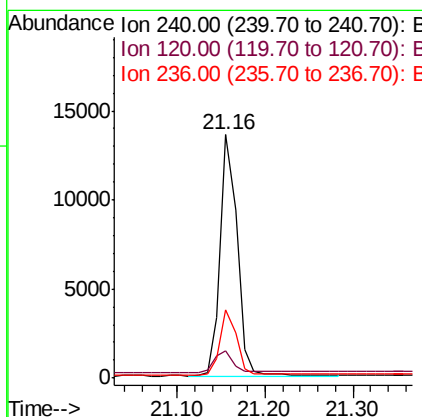
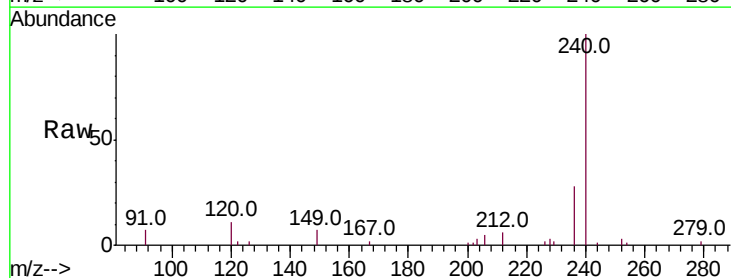
Instrument :
 BNA_N
 ClientSampleId :

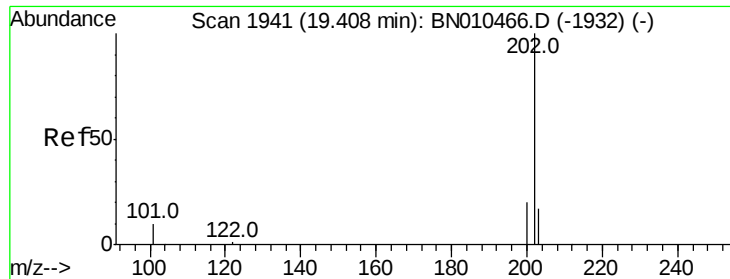
Tot Ion:202 Resp: 4411
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.9 10.3
 203 18.6 13.9 20.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.16 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN010639.D
 Acq: 29 Apr 2020 00:52

Tgt Ion:240 Resp: 18186
 Ion Ratio Lower Upper
 240 100
 120 11.2 4.8 7.2#
 236 28.2 21.4 32.0





#28

Pvrene

Concen: 0.077 ng

RT: 19.39 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampleId :

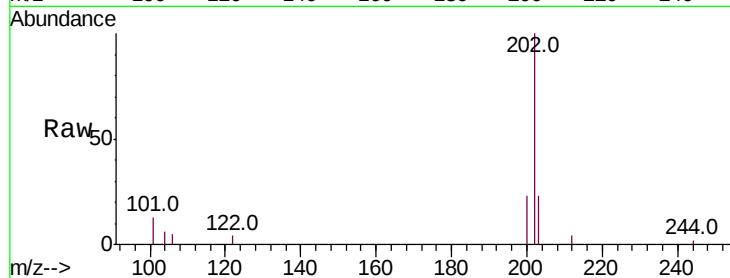
Tot Ion:202 Resp: 4712

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

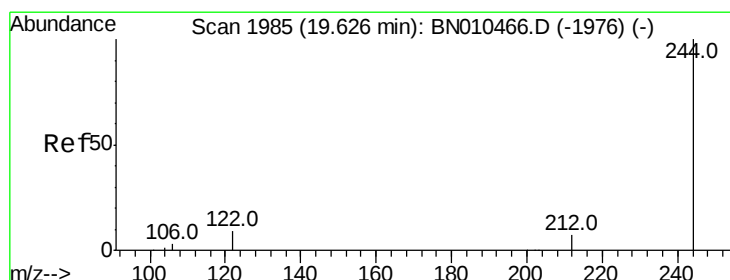
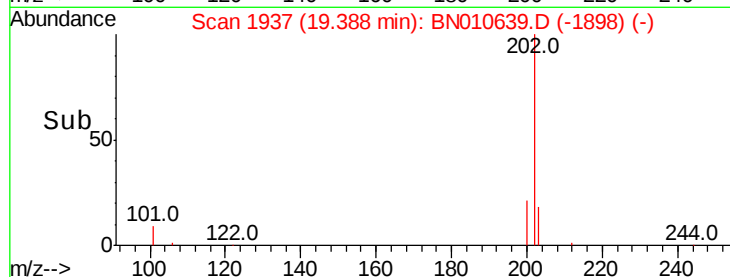
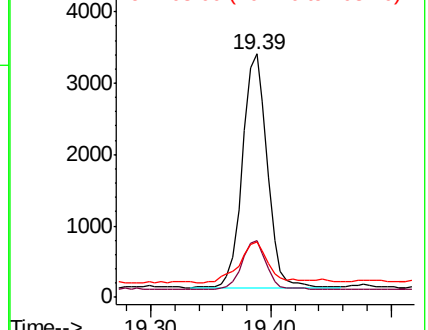
203 21.0 14.0 21.0



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: 0.436 ng

RT: 19.61 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

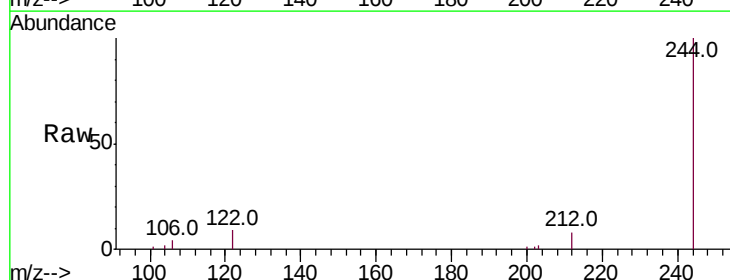
Tgt Ion:244 Resp: 18150

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

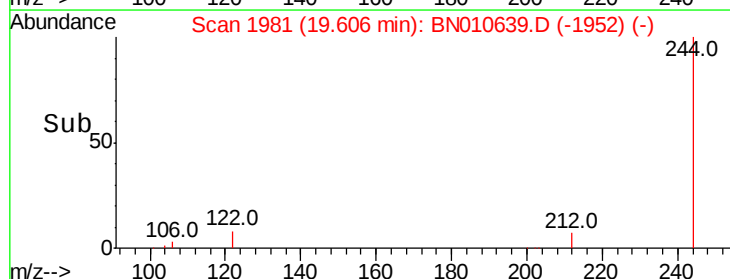
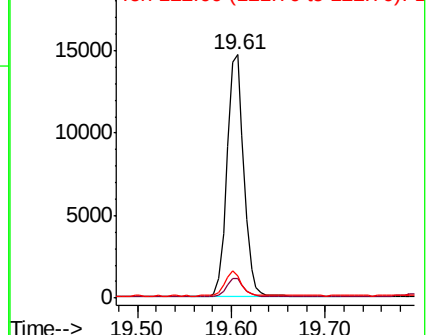
122 9.4 7.8 11.8

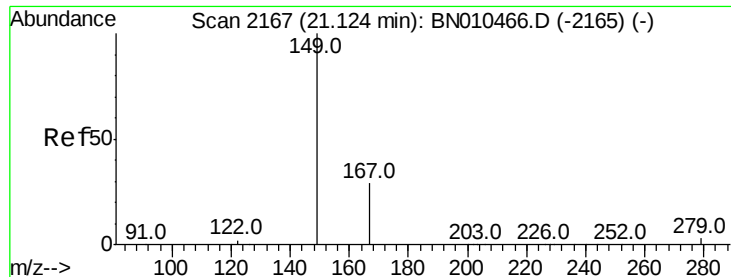


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampleId :

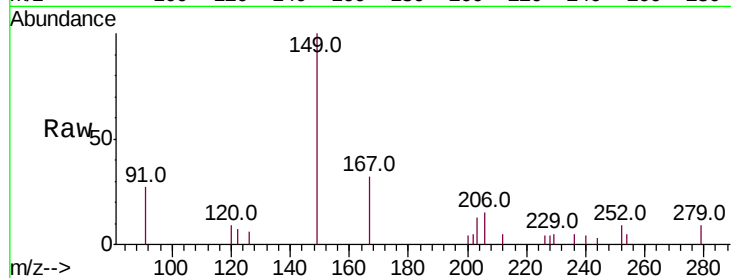
Tot Ion:149 Resp: 2984

Ion Ratio Lower Upper

149 100

167 31.0 23.4 35.0

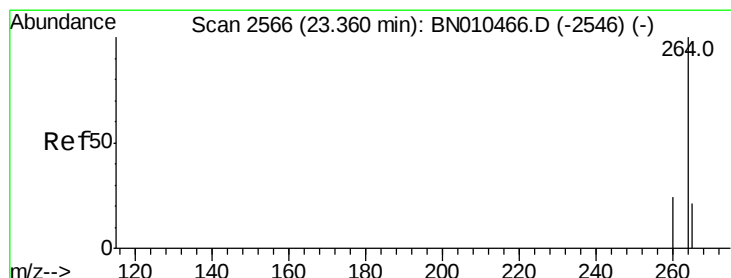
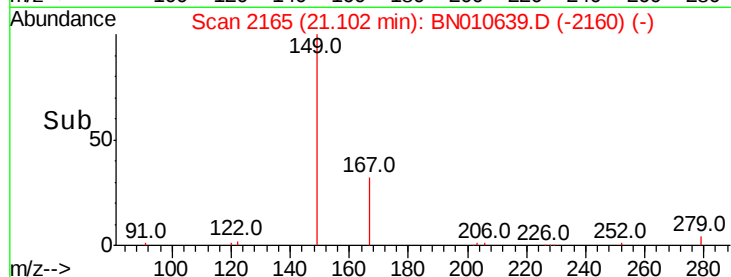
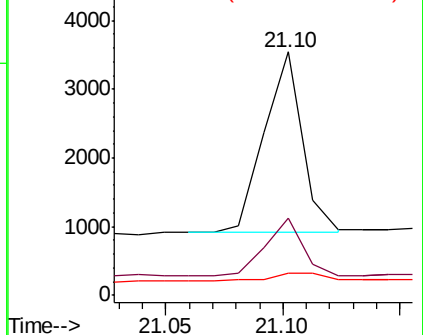
279 5.2 4.0 6.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

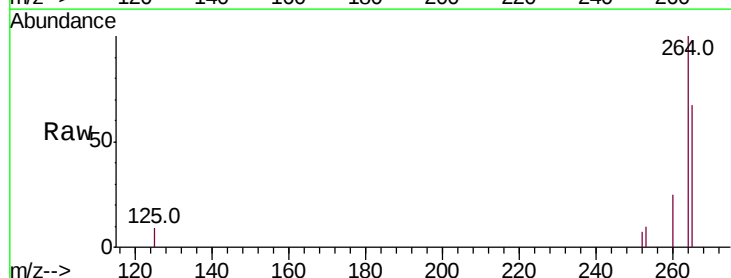
Tgt Ion:264 Resp: 16770

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 66.7 42.3 63.5#



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

