

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 :
 WB-8-2

Quant Time: Apr 29 02:28:03 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

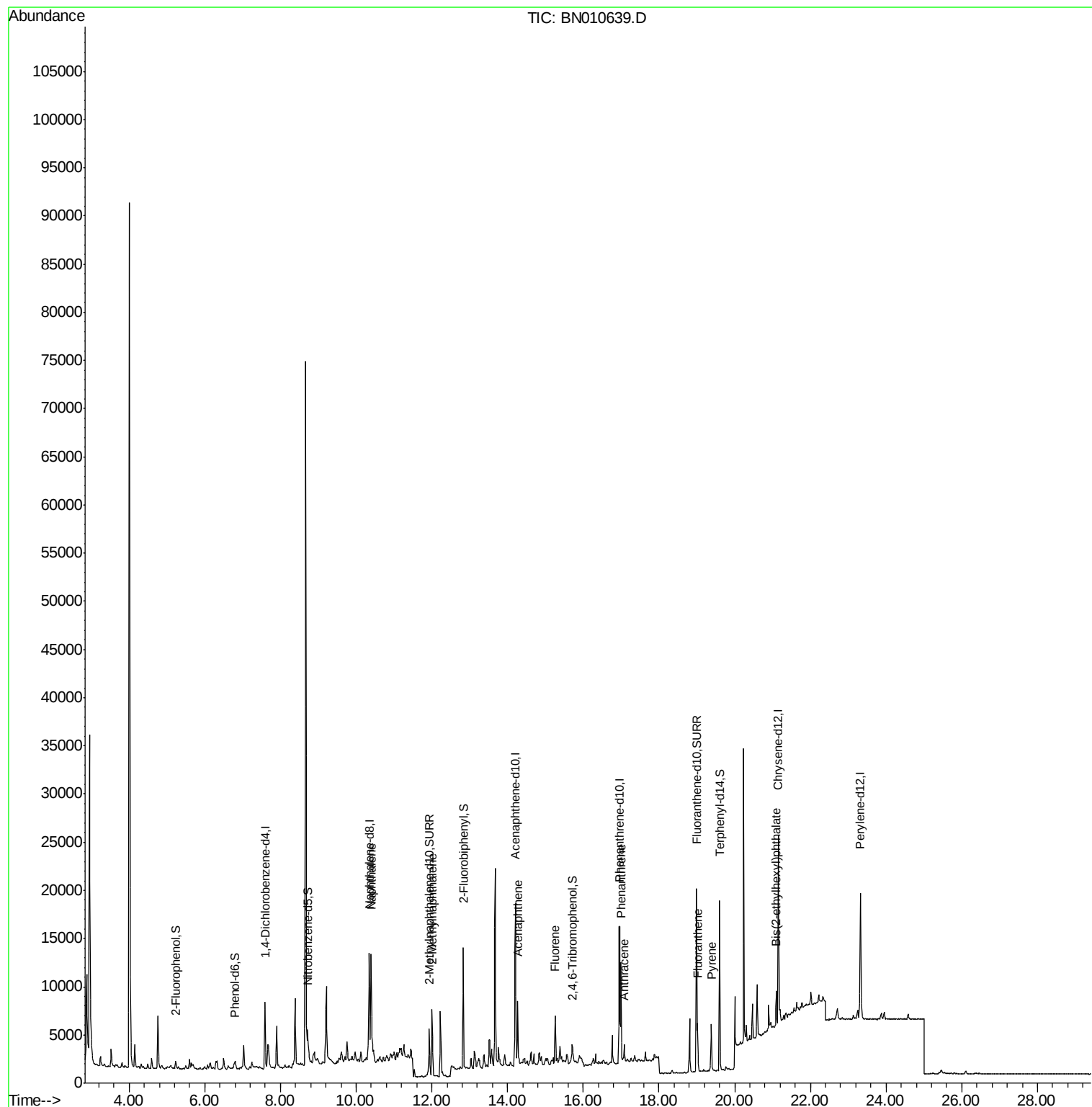
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.39	128	14265	0.389	ng	99
12) 2-Methylnaphthalene	12.01	142	5178	0.197	ng	98
17) Acenaphthene	14.26	154	2858	0.105	ng	99
18) Fluorene	15.26	166	3308	0.093	ng	99
23) Phenanthrene	16.99	178	11106	0.187	ng	99
24) Anthracene	17.09	178	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

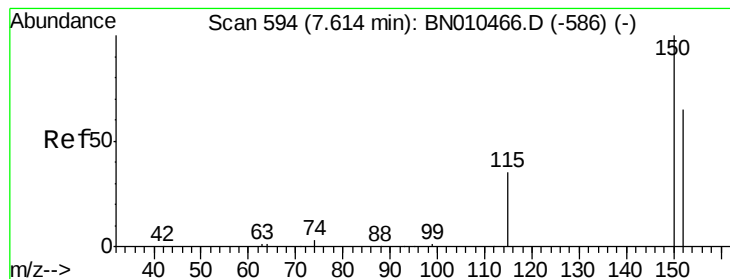
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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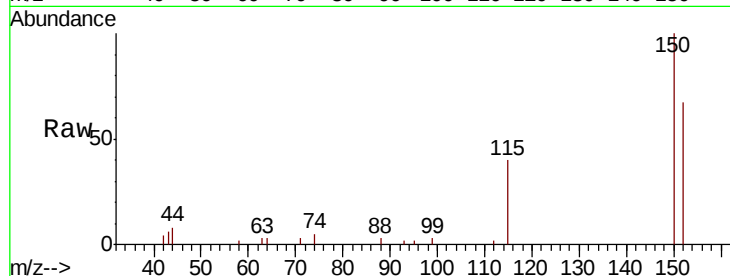


#1

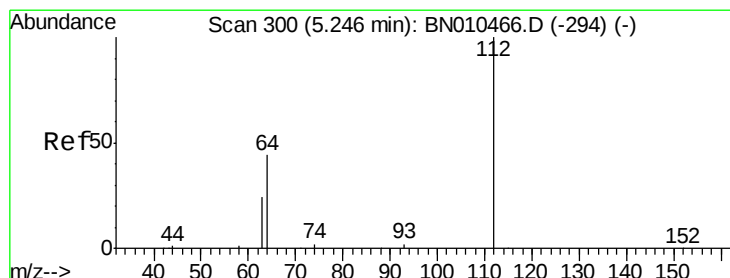
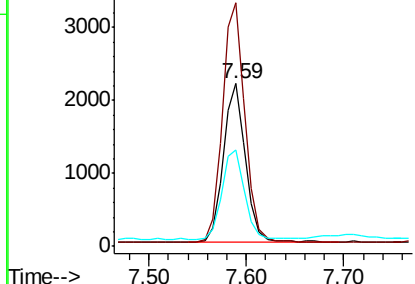
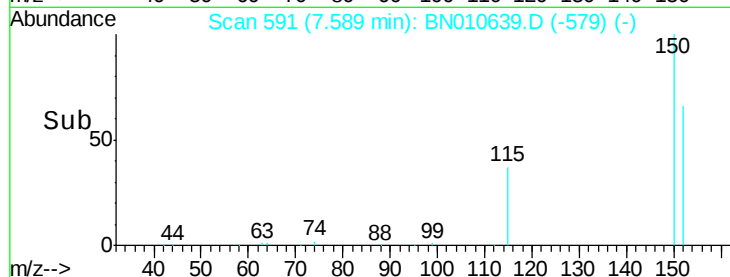
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

Instrument :
BNA_N
ClientSampleId :
WB-8-2

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



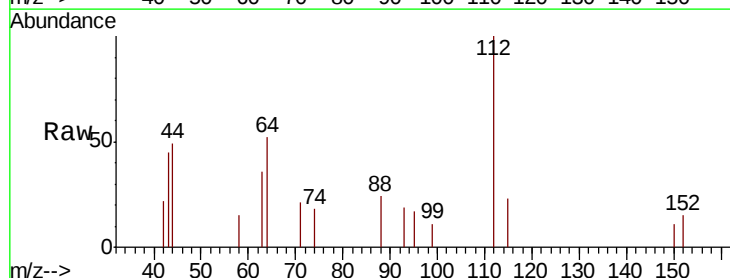
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



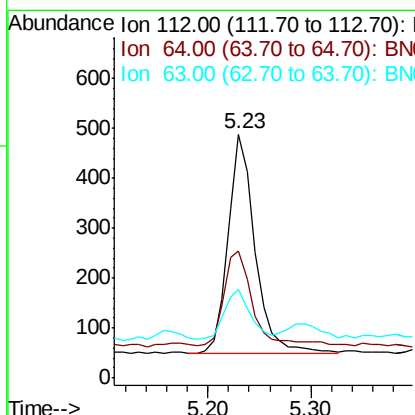
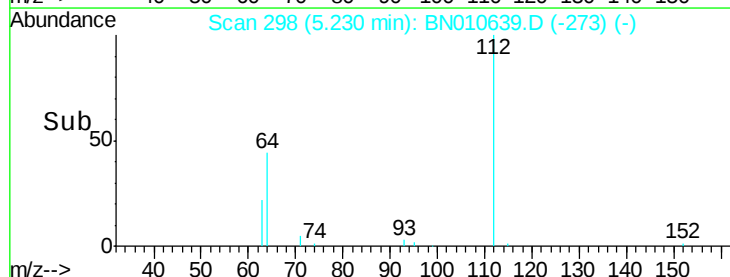
#4

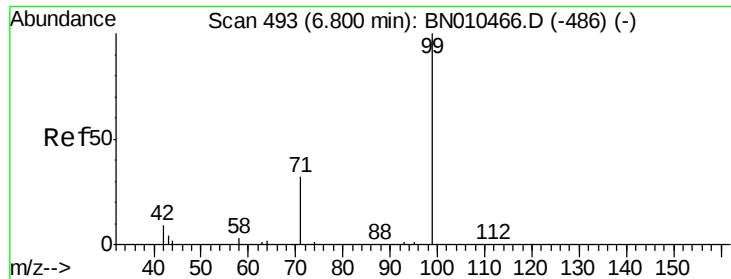
2-Fluorophenol
Concen: 0.106 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

Tgt 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

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

Instrument :

BNA_N

ClientSampleId :

WB-8-2

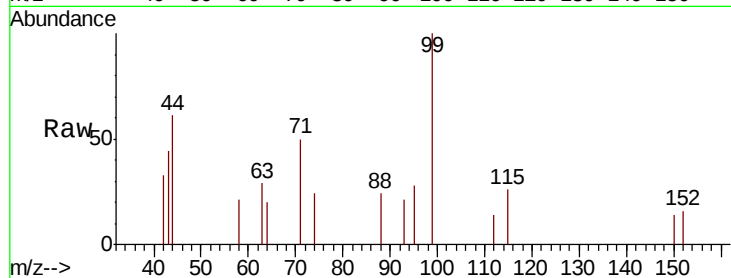
Tot Ion: 99 Resp: 618

Ion Ratio Lower Upper

99 100

42 25.1 9.8 14.6#

71 40.5 27.8 41.8

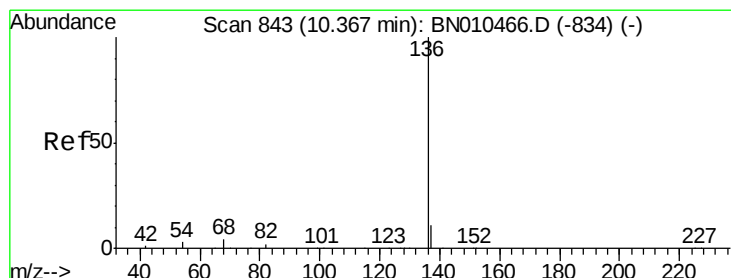
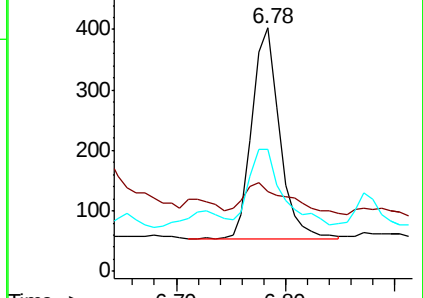
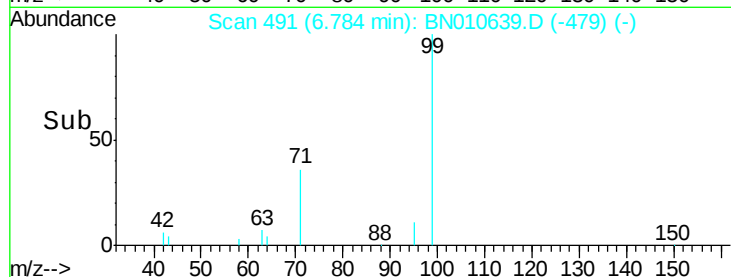


Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

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

Tgt Ion: 136 Resp: 14762

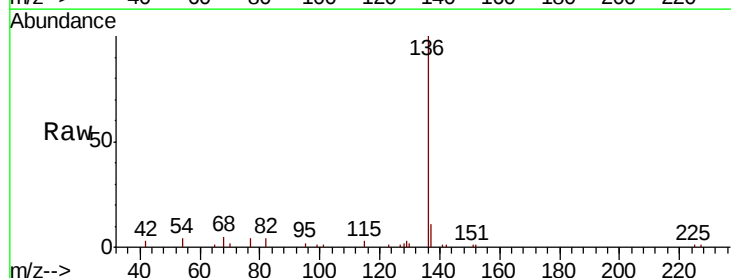
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 3.9 2.6 4.0

68 4.7 3.4 5.2



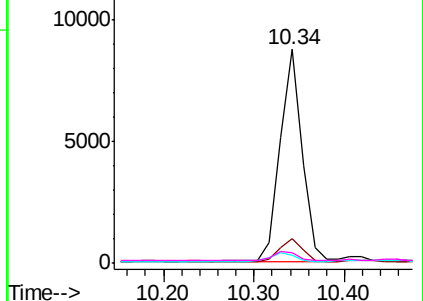
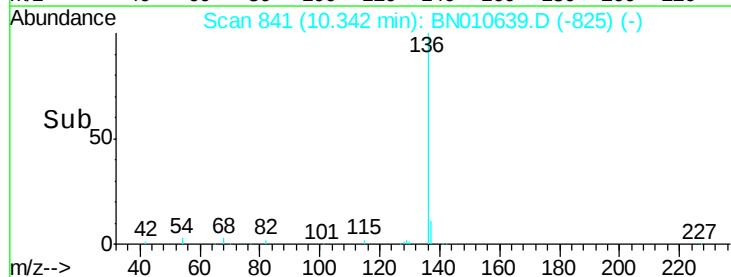
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

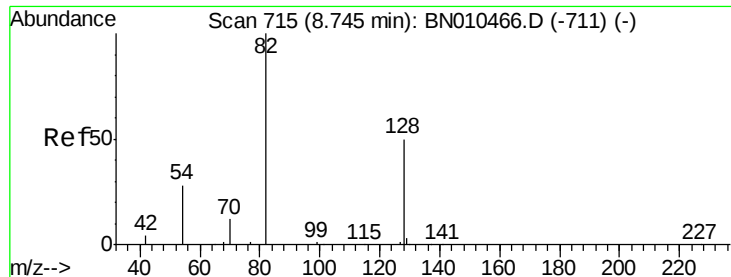
Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

Time-->





#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

Instrument :

BNA_N

ClientSampleId :

WB-8-2

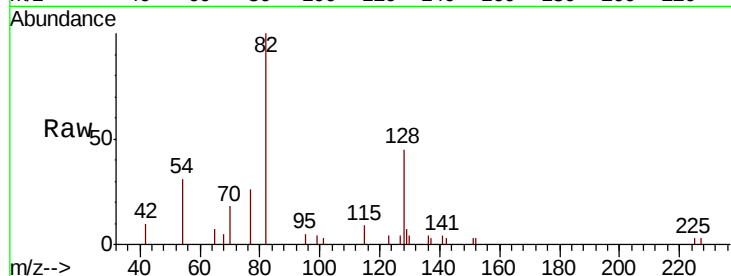
Tot Ion: 82 Resp: 3162

Ion Ratio Lower Upper

82 100

128 45.4 41.3 61.9

54 31.5 23.4 35.0

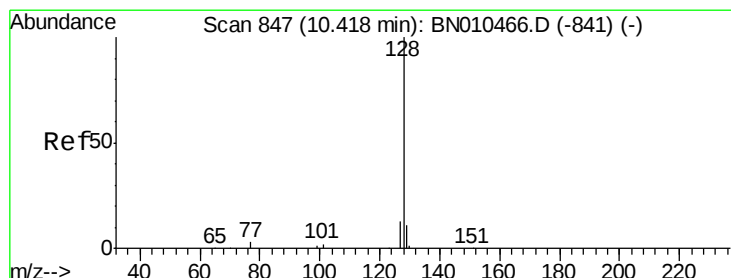
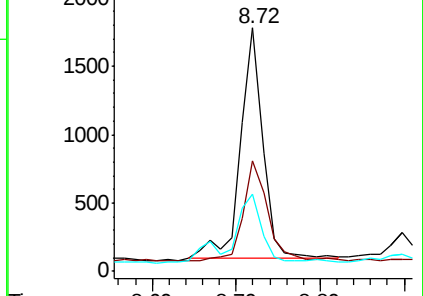
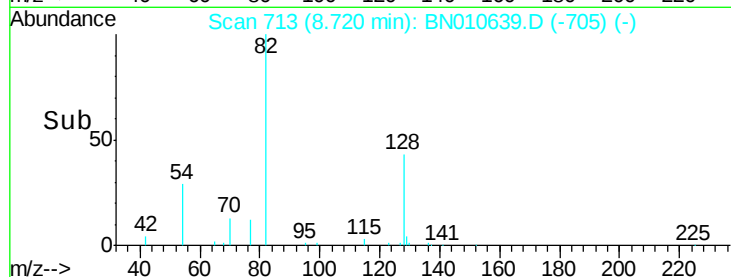


Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

Time-->



#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

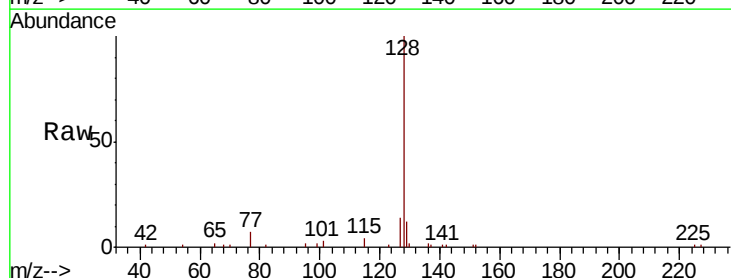
Tgt Ion: 128 Resp: 14265

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

127 13.7 10.5 15.7

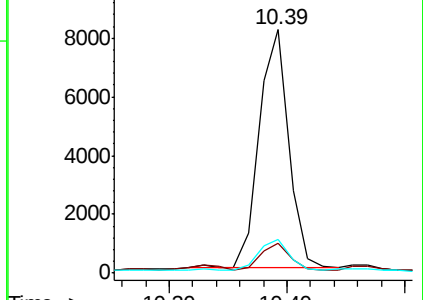
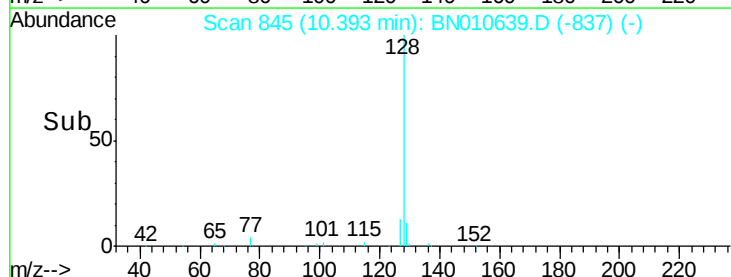


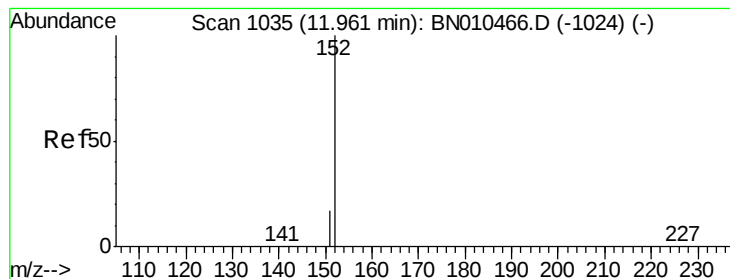
Abundance Ion 128.00 (127.70 to 128.70): BN010466.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010466.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010466.D (-841) (-)

Time-->





#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

Instrument :

BNA_N

ClientSampleId :

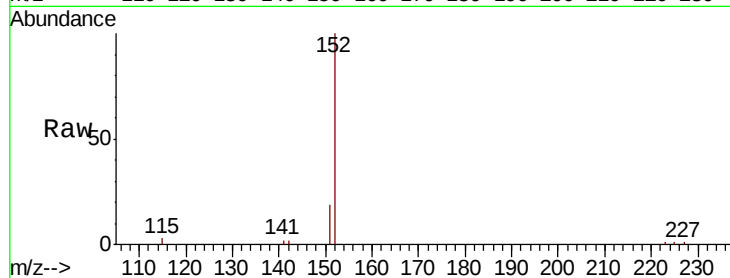
WB-8-2

Tot Ion:152 Resp: 6857

Ion Ratio Lower Upper

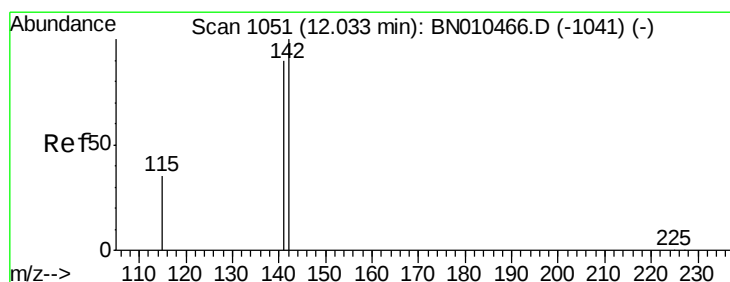
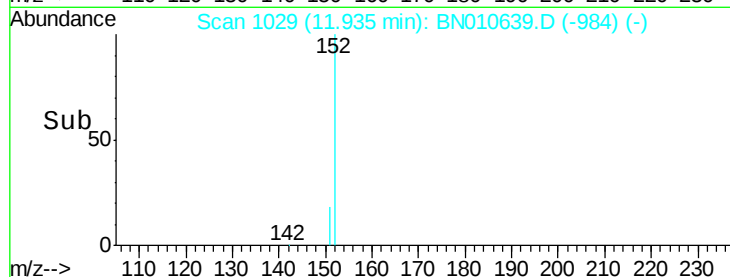
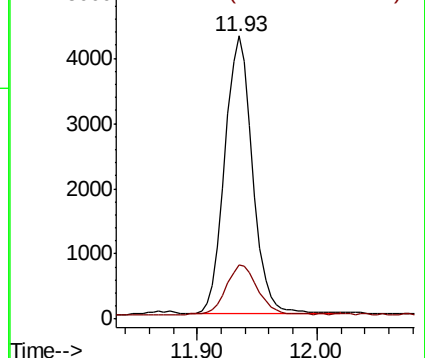
152 100

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

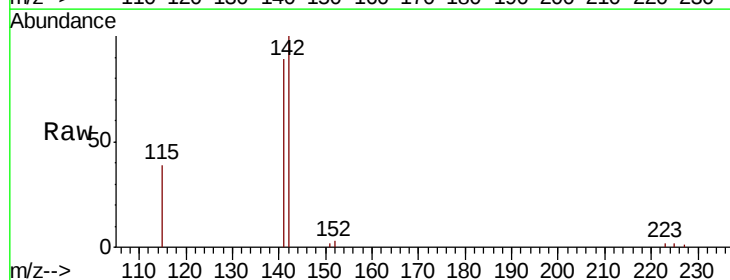
Tgt Ion:142 Resp: 5178

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

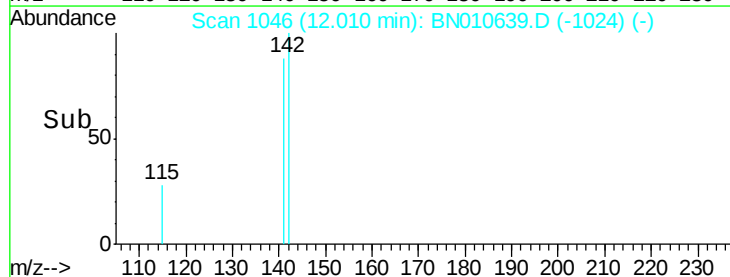
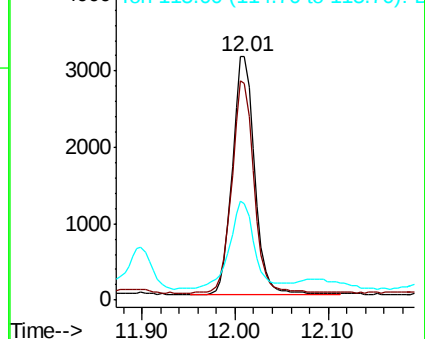
115 39.5 28.8 43.2

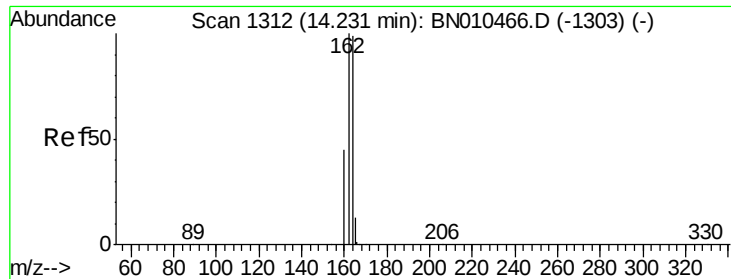


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.21 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010639.D

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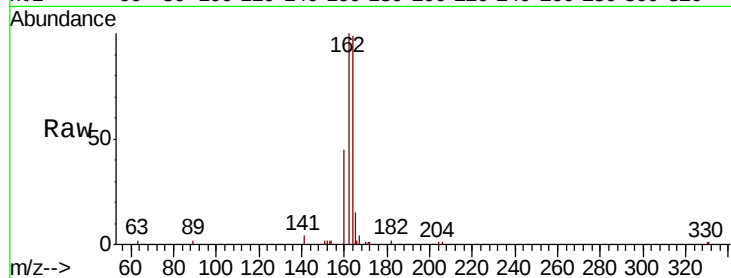
Tot Ion:164 Resp: 9812

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

160 45.5 36.5 54.7



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

14.21

6000

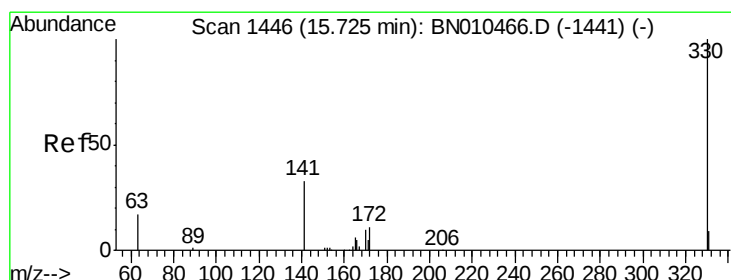
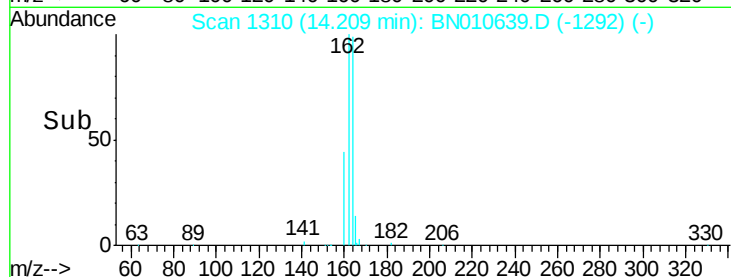
4000

2000

0

14.10 14.20 14.30 14.40

Time-->



#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

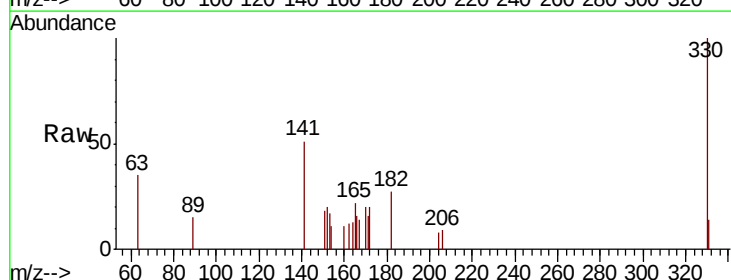
Tgt Ion:330 Resp: 1434

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

15.70

1000

800

600

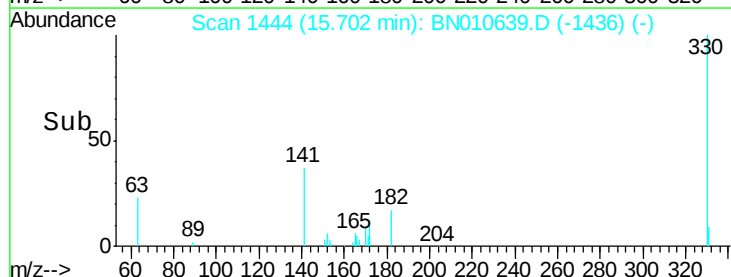
400

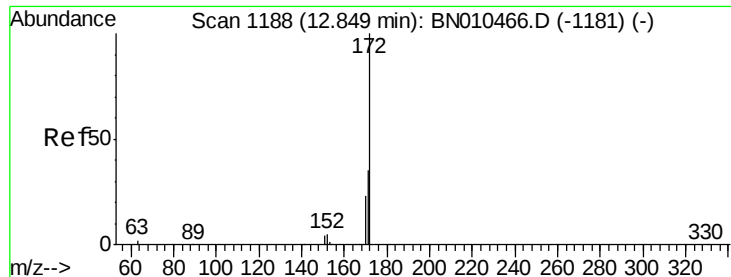
200

0

15.60 15.70 15.80 15.90

Time-->

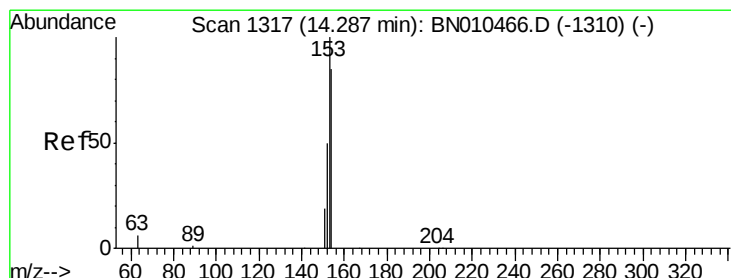
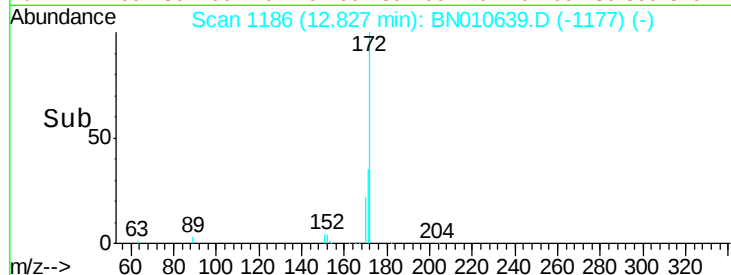
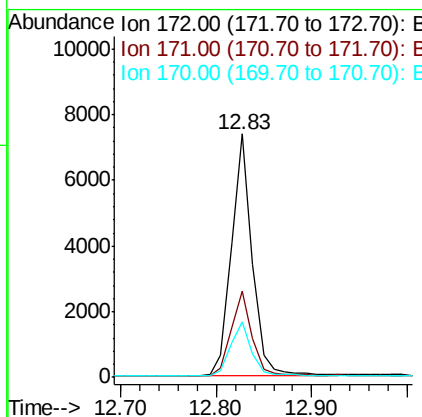
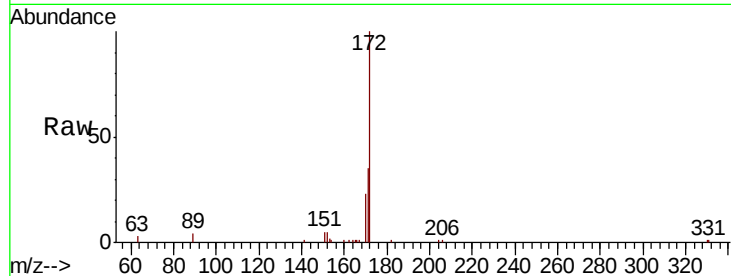




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010639.D
Acq: 29 Apr 2020 00:52

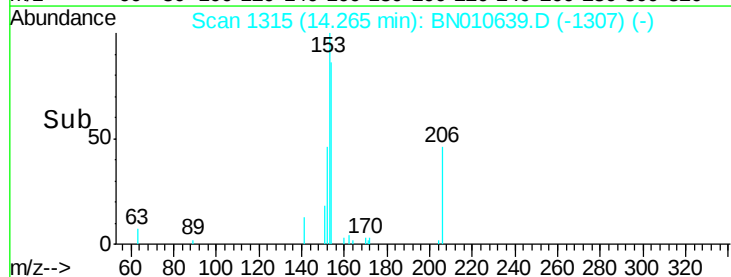
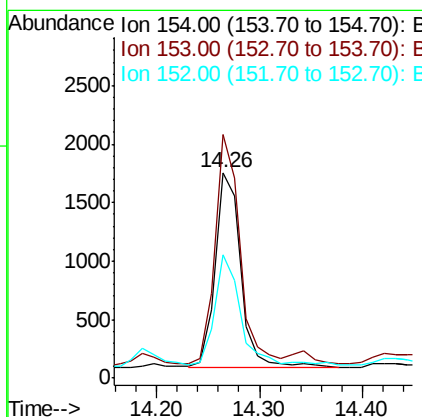
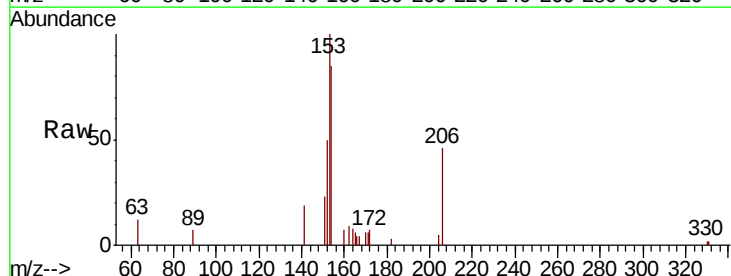
Instrument :
BNA_N
ClientSampleId :
WB-8-2

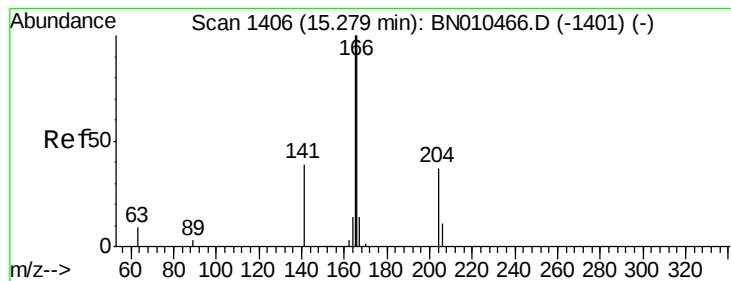
Tot Ion:172 Resp: 11112
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 22.7 18.4 27.6



#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

Tgt Ion:154 Resp: 2858
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 54.9 44.6 67.0





#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

Instrument :

BNA_N

ClientSampled :

WB-8-2

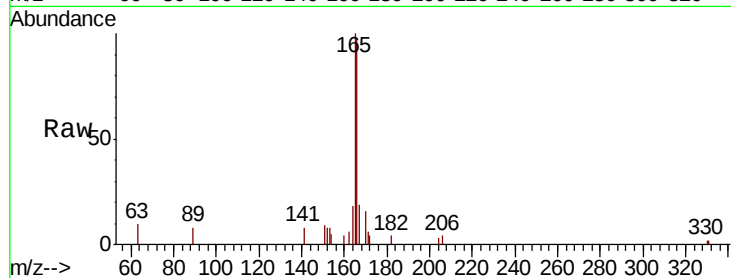
Tot Ion:166 Resp: 3308

Ion Ratio Lower Upper

166 100

165 99.0 78.4 117.6

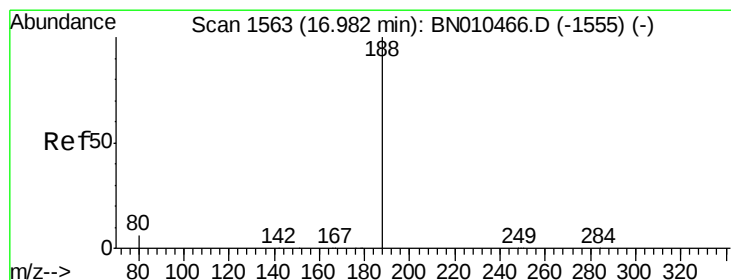
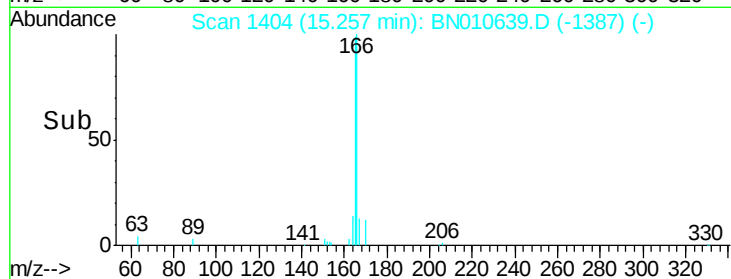
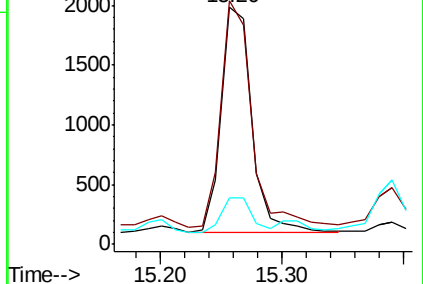
167 15.1 10.9 16.3



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

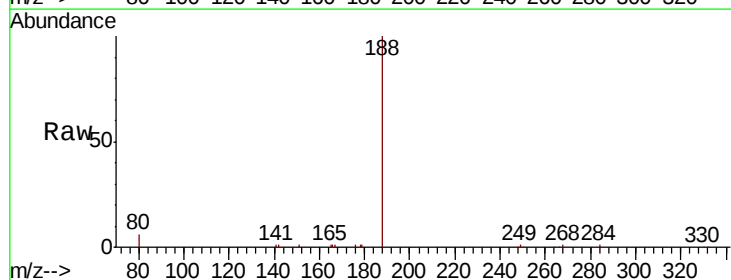
Tgt Ion:188 Resp: 21990

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

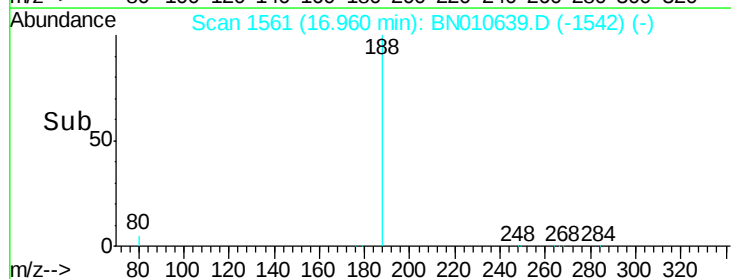
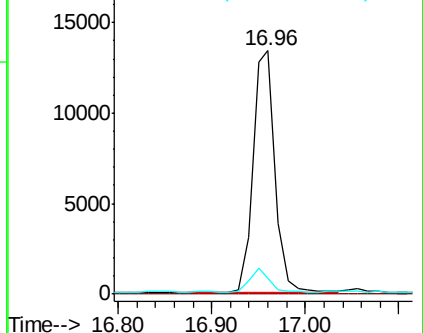
80 6.3 5.0 7.6

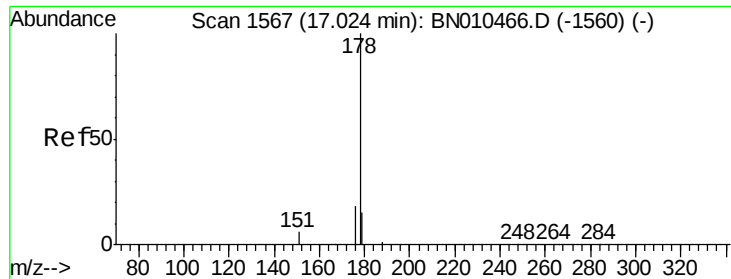


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_N

ClientSampled :

WB-8-2

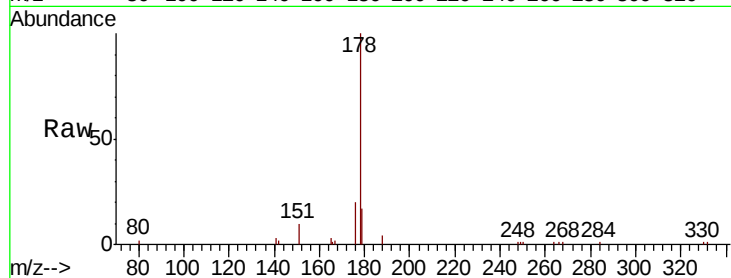
Tot Ion:178 Resp: 11106

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

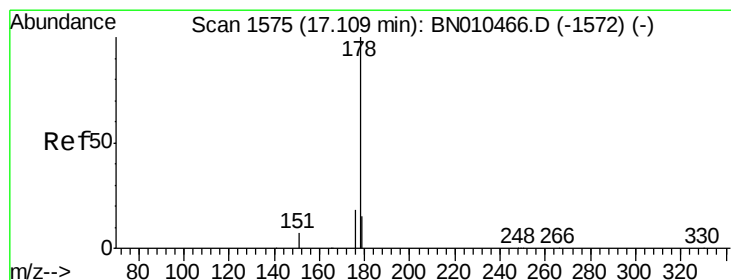
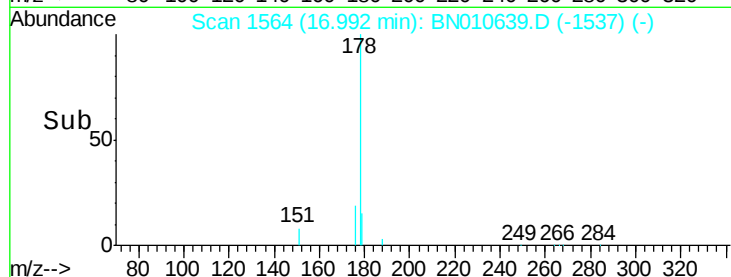
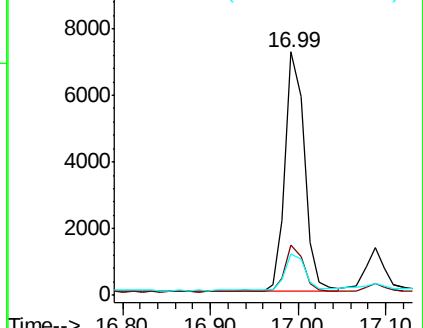
179 16.7 12.6 18.8



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

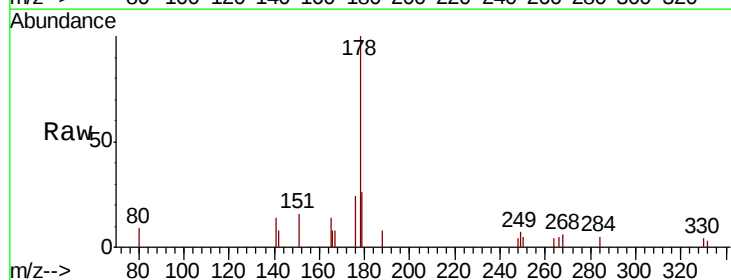
Tgt Ion:178 Resp: 1805

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

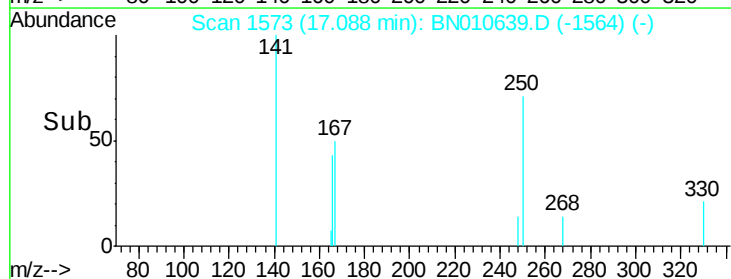
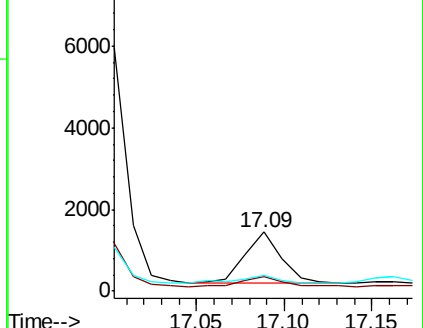
179 17.7 12.2 18.2

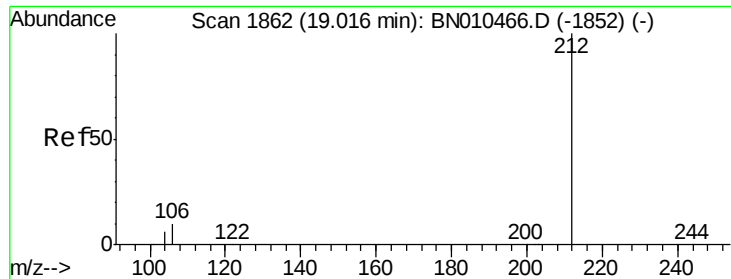


Abundance Ion 178.00 (177.70 to 178.70): E

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

Instrument :

BNA_N

ClientSampleId :

WB-8-2

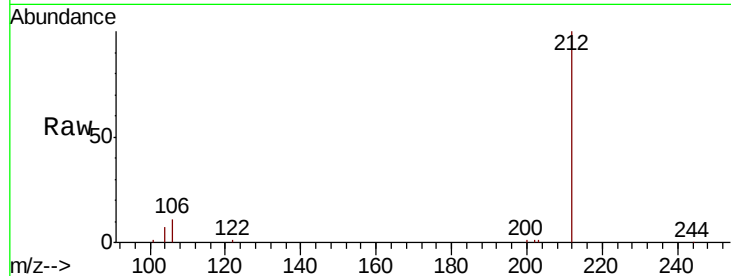
Tot Ion:212 Resp: 22204

Ion Ratio Lower Upper

212 100

106 10.5 7.8 11.6

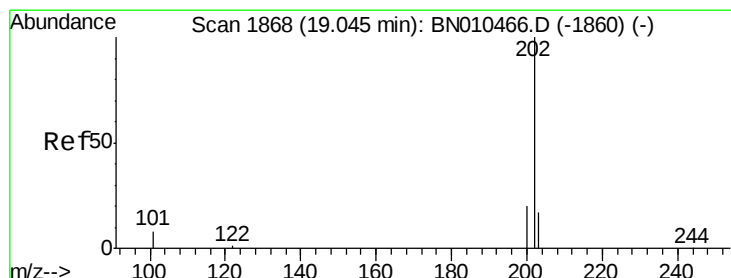
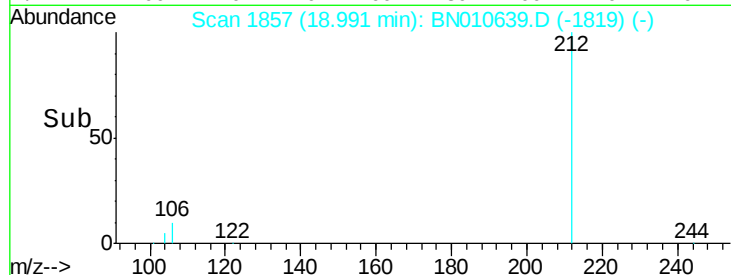
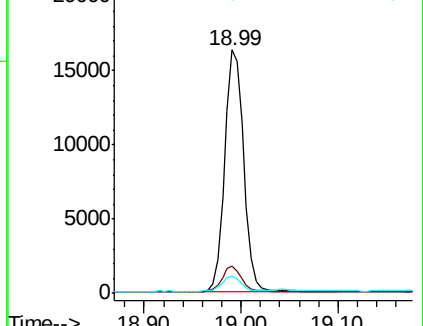
104 5.9 4.5 6.7



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

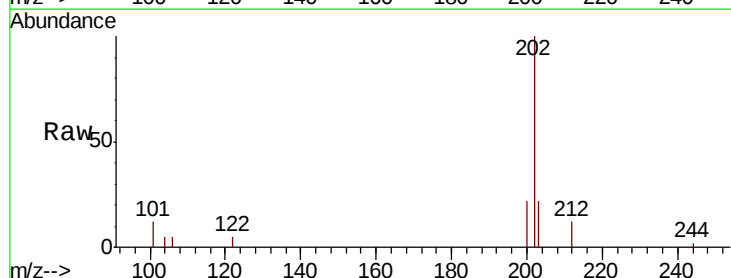
Tgt Ion:202 Resp: 4411

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

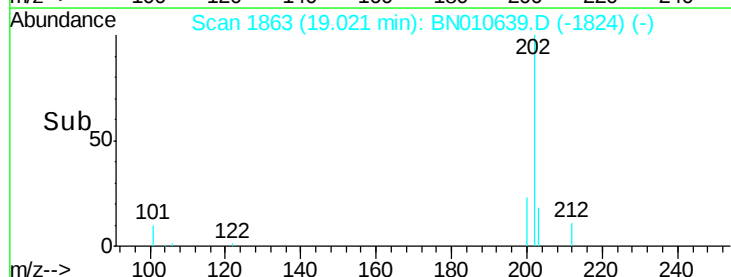
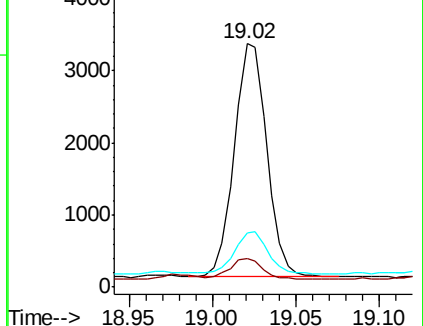
203 18.6 13.9 20.9

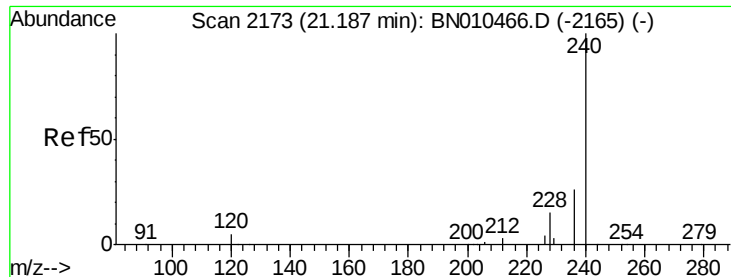


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.16 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010639.D

Acq: 29 Apr 2020 00:52

Instrument :

BNA_N

ClientSampleId :

WB-8-2

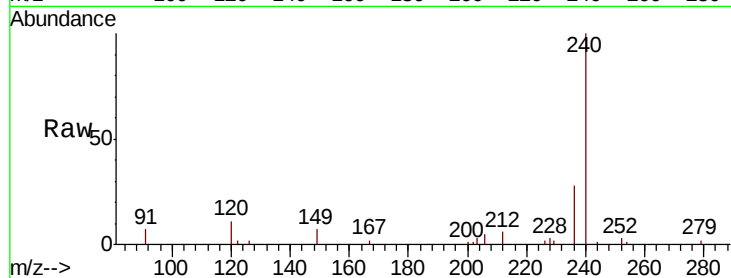
Tot Ion:240 Resp: 18186

Ion Ratio Lower Upper

240 100

120 11.2 4.8 7.2#

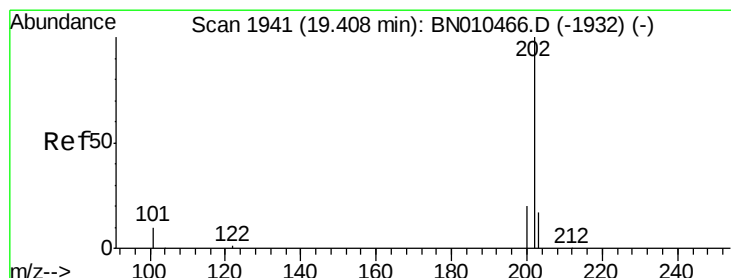
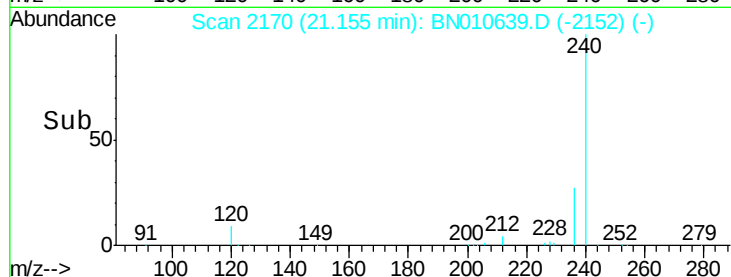
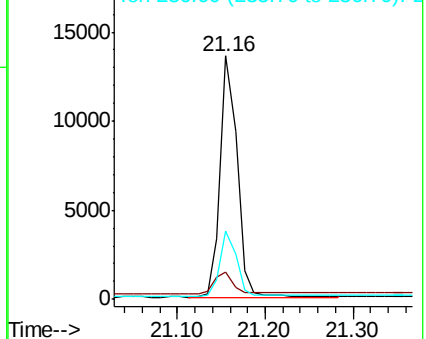
236 28.2 21.4 32.0



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

Pyrene

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

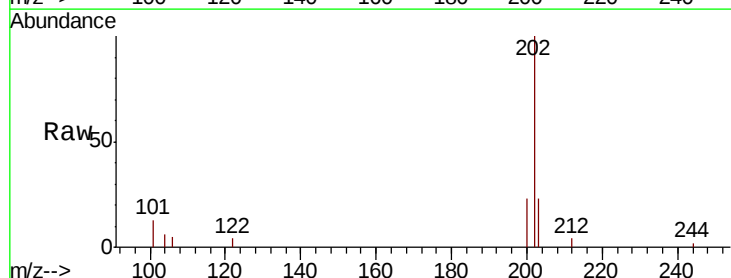
Tgt Ion:202 Resp: 4712

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

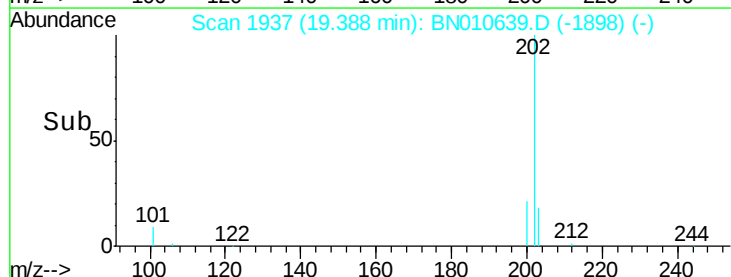
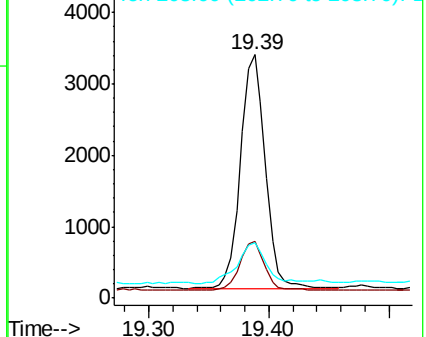
203 21.0 14.0 21.0

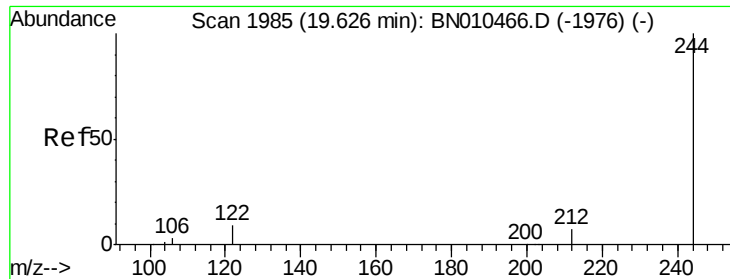


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_N

ClientSampleId :

WB-8-2

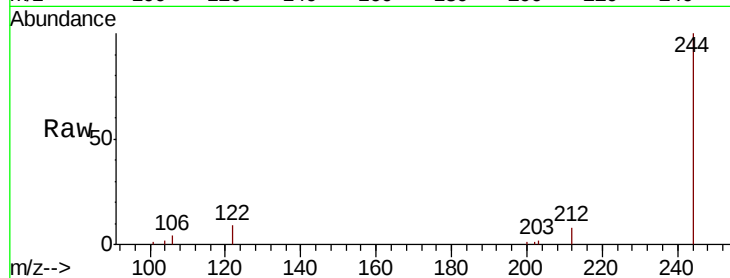
Tot Ion:244 Resp: 18150

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

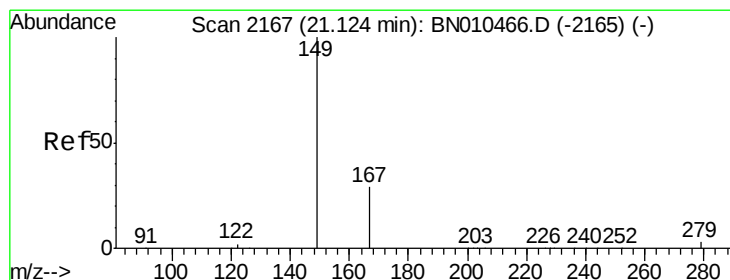
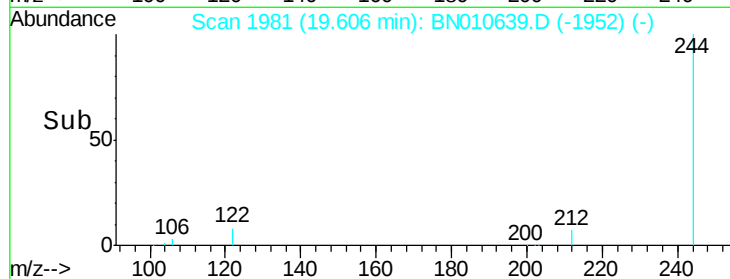
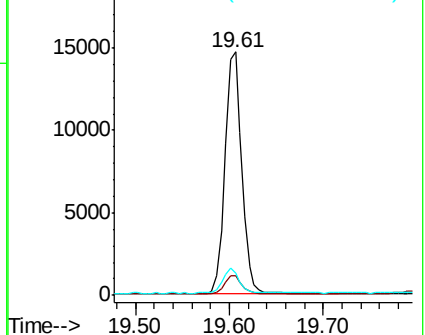
122 9.4 7.8 11.8



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

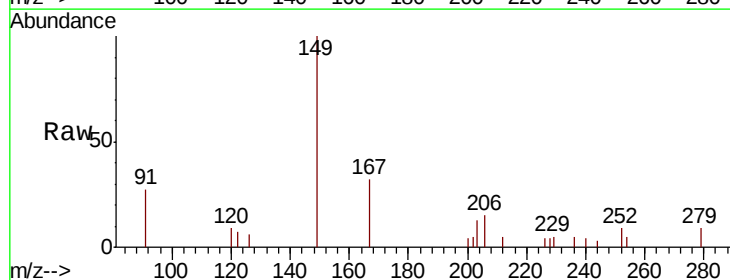
Tgt Ion:149 Resp: 2984

Ion Ratio Lower Upper

149 100

167 31.0 23.4 35.0

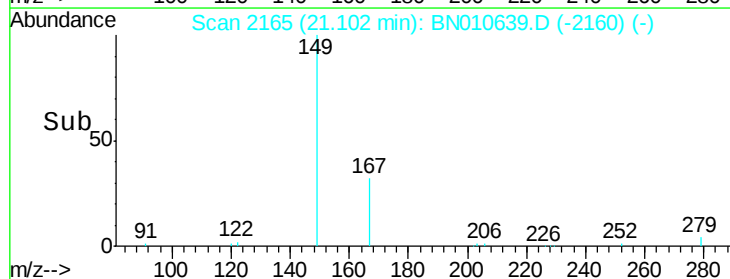
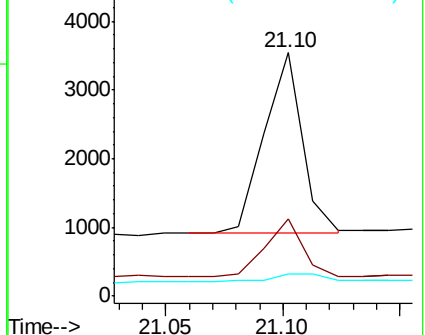
279 5.2 4.0 6.0

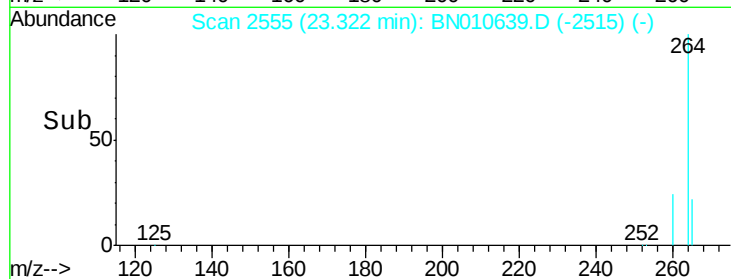
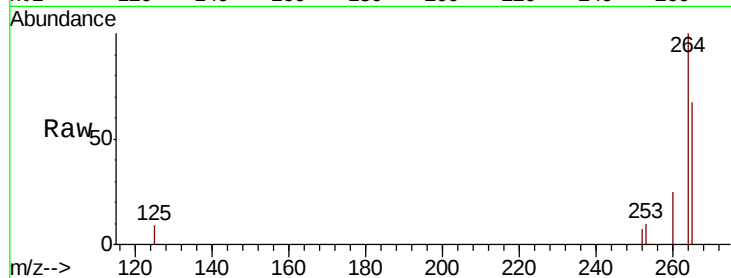
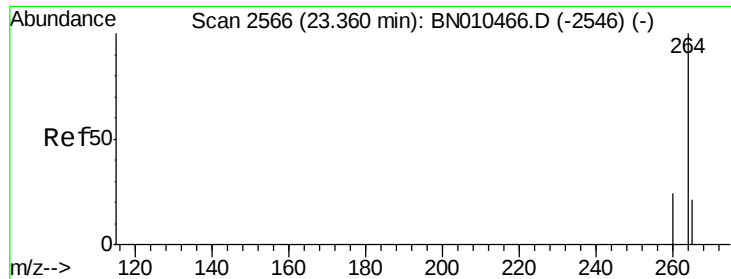


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

Instrument :

BNA_N

ClientSampleId :

WB-8-2

Tot Ion:264 Resp: 16770

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 66.7 42.3 63.5#

