

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010989.D
 Acq On : 20 Jun 2020 04:59
 Operator : CG/JU
 Sample : L3020-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23

Quant Time: Jun 20 06:19:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

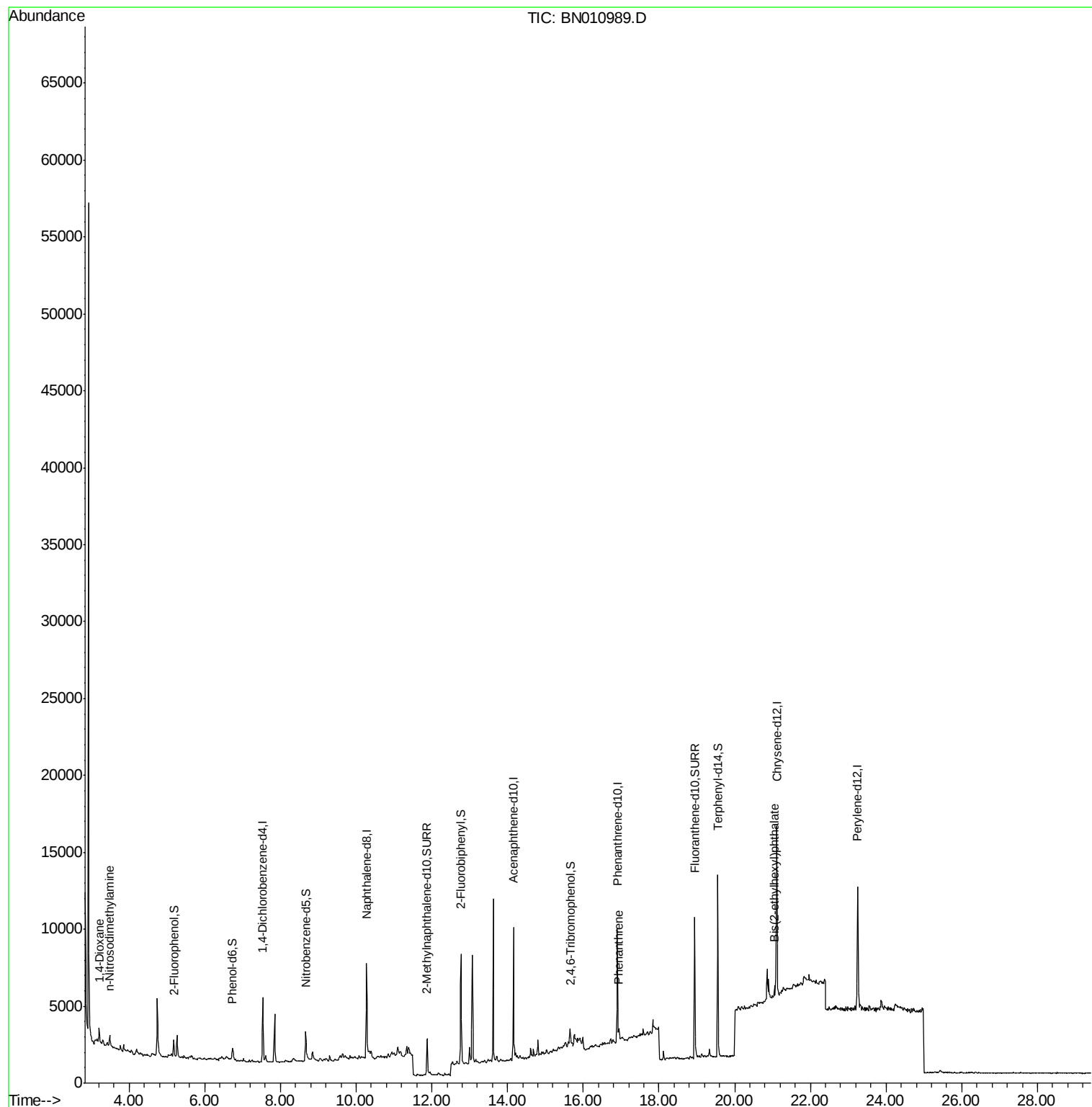
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2266	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8952	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5058	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	11398	0.40	ng	0.00
27) Chrysene-d12	21.11	240	10549	0.40	ng	0.00
34) Perylene-d12	23.25	264	10816	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	990	0.23	ng	0.00
5) Phenol-d6	6.73	99	744	0.14	ng	0.00
8) Nitrobenzene-d5	8.67	82	2217	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	3658	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	911	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	6600	0.33	ng	0.00
25) Fluoranthene-d10	18.94	212	10984	0.35	ng	0.00
29) Terphenyl-d14	19.56	244	12450	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	747	0.337	ng	# 73
3) n-Nitrosodimethylamine	3.48	42	139	0.108	ng	# 1
23) Phenanthrene	16.94	178	874	0.028	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.05	149	786	0.076	ng	# 95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010989.D
Acq On : 20 Jun 2020 04:59
Operator : CG/JU
Sample : L3020-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-23

Quant Time: Jun 20 06:19:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration



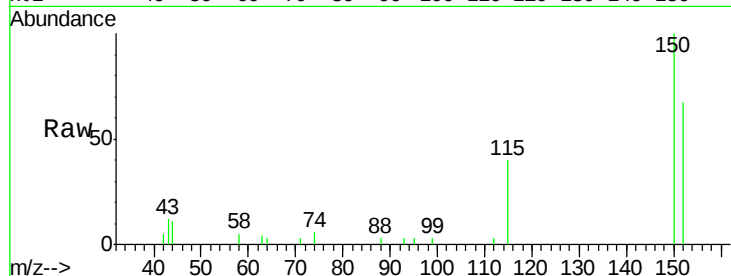


#1

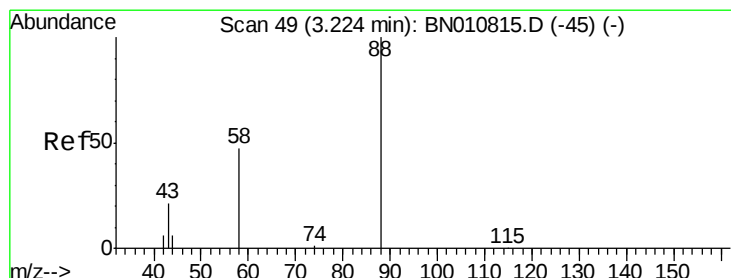
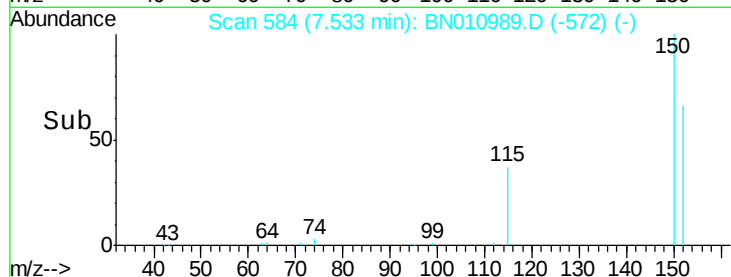
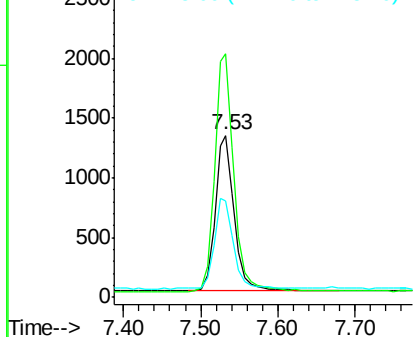
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010989.D
Acq: 20 Jun 2020 04:59

Instrument :
BNA_N
ClientSampled :
MW-23

Tot Ion:152 Resp: 2266
Ion Ratio Lower Upper
152 100
150 150.0 123.8 185.6
115 59.6 49.2 73.8



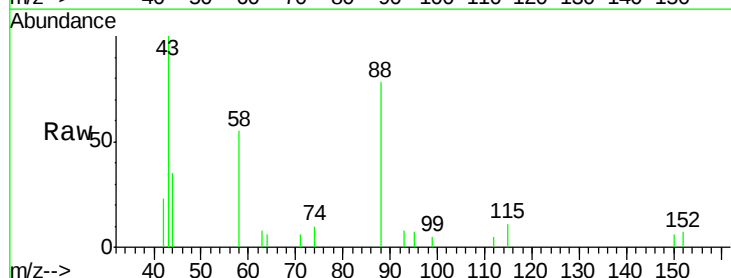
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



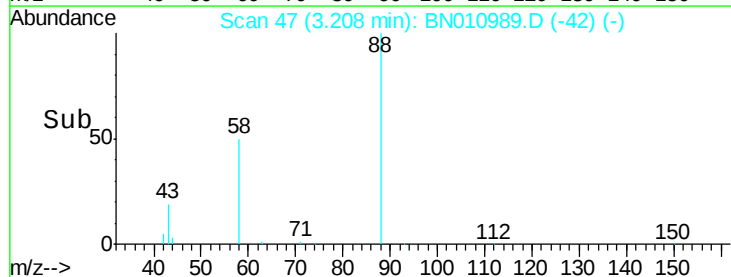
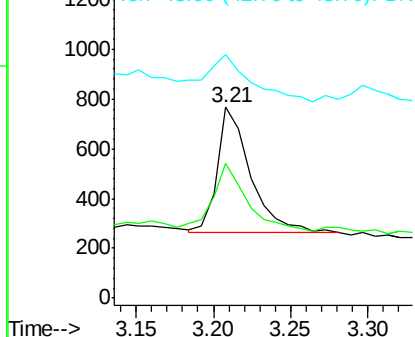
#2

1,4-Dioxane
Concen: 0.337 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010989.D
Acq: 20 Jun 2020 04:59

Tgt Ion: 88 Resp: 747
Ion Ratio Lower Upper
88 100
58 54.5 38.2 57.4
43 51.0 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



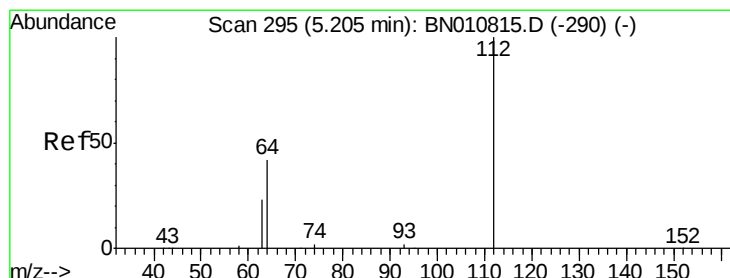
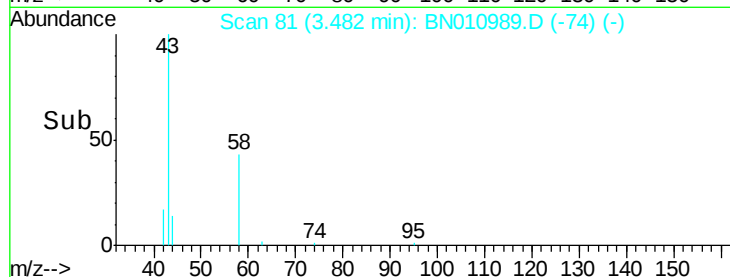
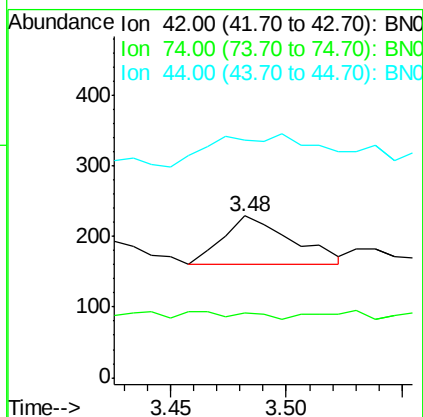
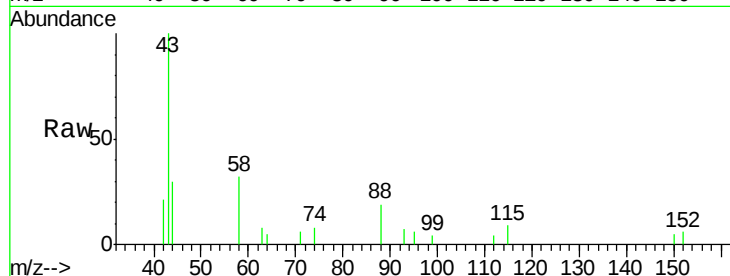


#3

n-Nitrosodimethylamine
 Concen: 0.108 ng
 RT: 3.48 min Scan# 81
 Delta R.T. -0.04 min
 Lab File: BN010989.D
 Acq: 20 Jun 2020 04:59

Instrument :
 BNA_N
 ClientSampleId :
 MW-23

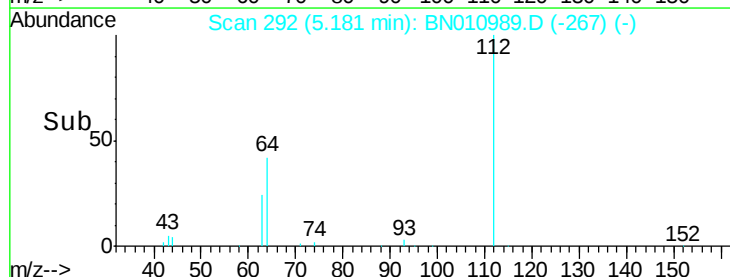
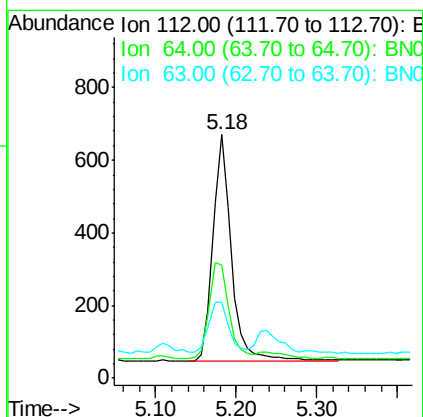
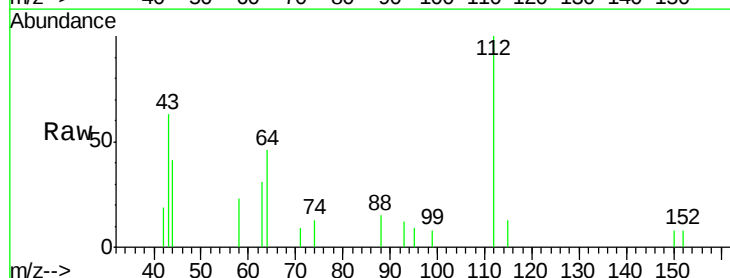
Tot Ion: 42 Resp: 139
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 126.6 1.4 2.2#

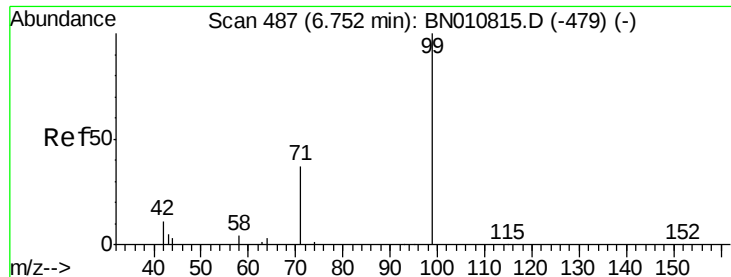


#4

2-Fluorophenol
 Concen: 0.226 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN010989.D
 Acq: 20 Jun 2020 04:59

Tgt Ion: 112 Resp: 990
 Ion Ratio Lower Upper
 112 100
 64 45.1 37.4 56.0
 63 23.5 22.2 33.4





#5

Phenol-d6

Concen: 0.144 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

Instrument :

BNA_N

ClientSampled :

MW-23

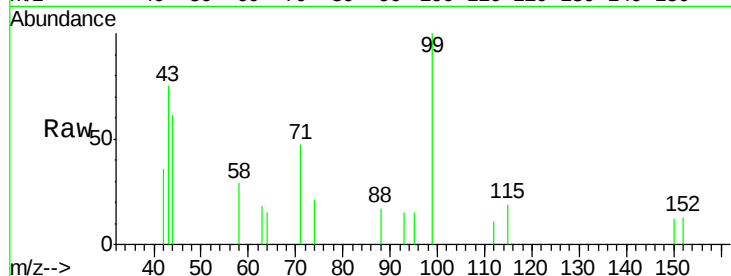
Tot Ion: 99 Resp: 744

Ion Ratio Lower Upper

99 100

42 25.7 11.1 16.7#

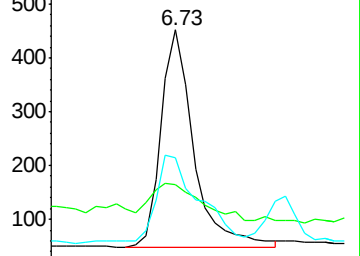
71 55.0 31.4 47.2#



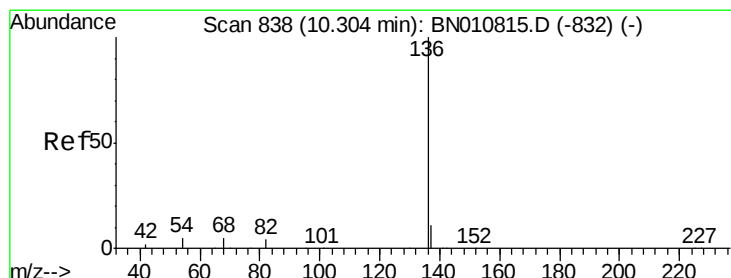
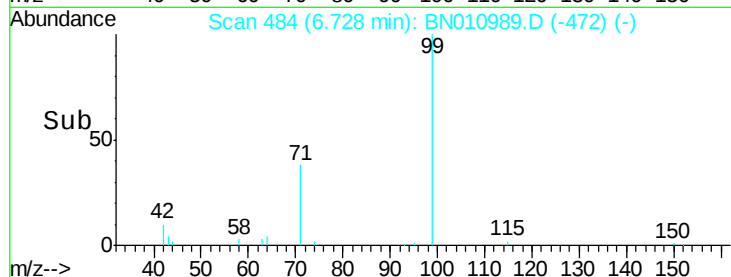
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

Tgt Ion: 136 Resp: 8952

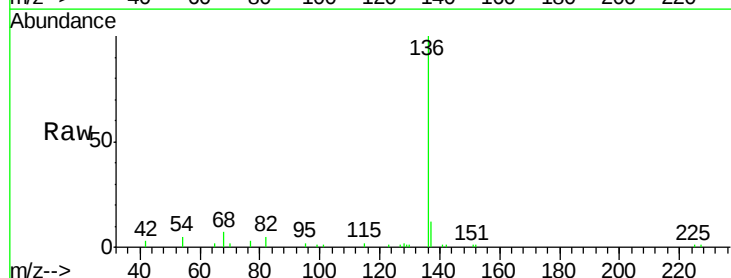
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.9 4.9 7.3

68 6.6 4.7 7.1

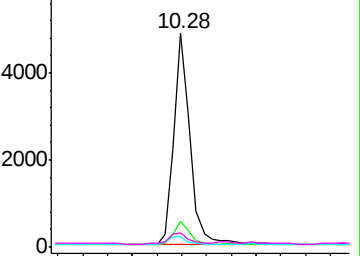


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

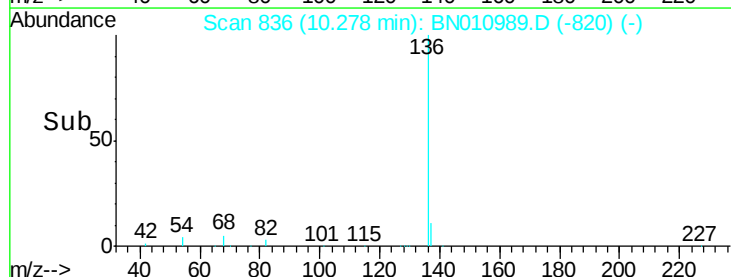
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

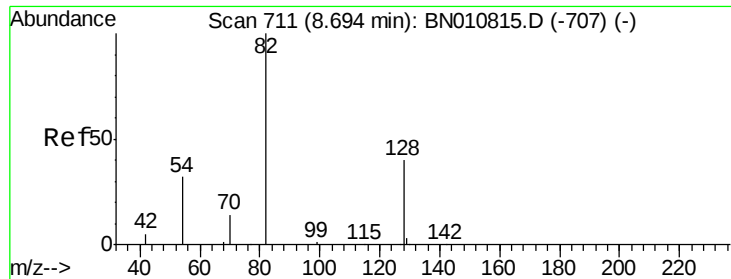
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

Instrument :

BNA_N

ClientSampleId :

MW-23

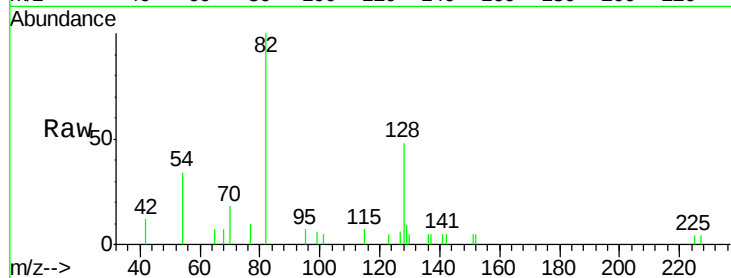
Tot Ion: 82 Resp: 2217

Ion Ratio Lower Upper

82 100

128 47.8 35.4 53.0

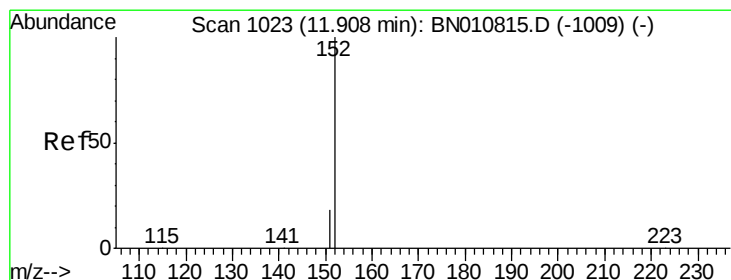
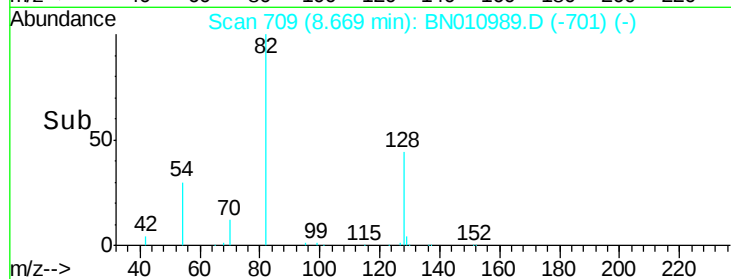
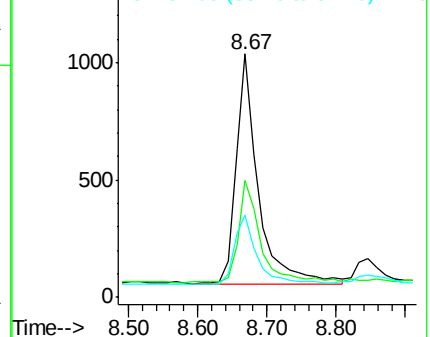
54 33.6 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.263 ng

RT: 11.87 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BN010989.D

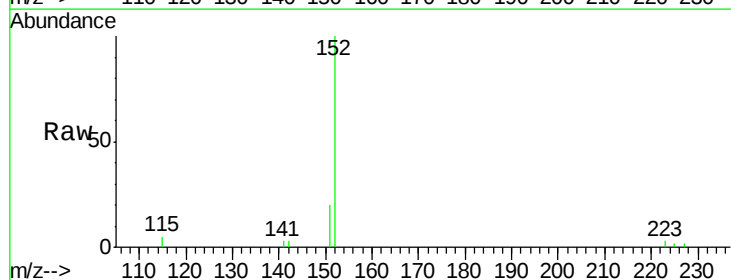
Acq: 20 Jun 2020 04:59

Tgt Ion: 152 Resp: 3658

Ion Ratio Lower Upper

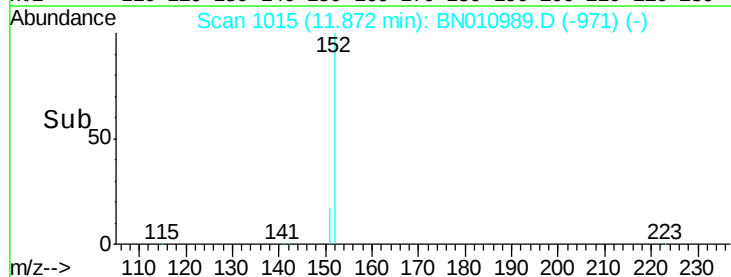
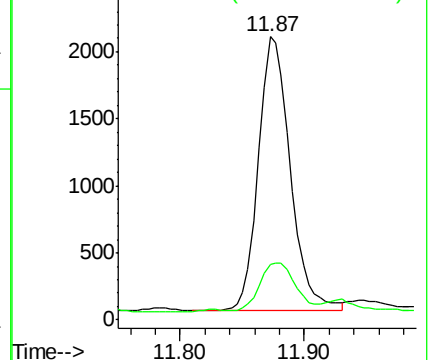
152 100

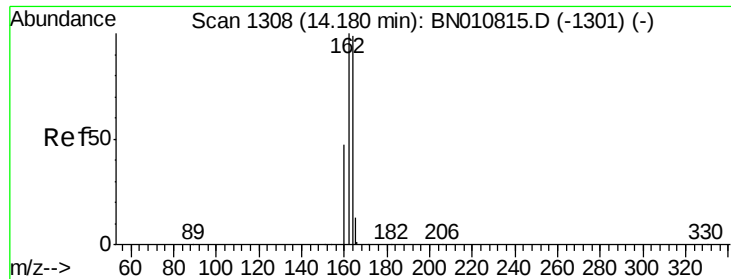
151 19.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

Instrument :

BNA_N

ClientSampleId :

MW-23

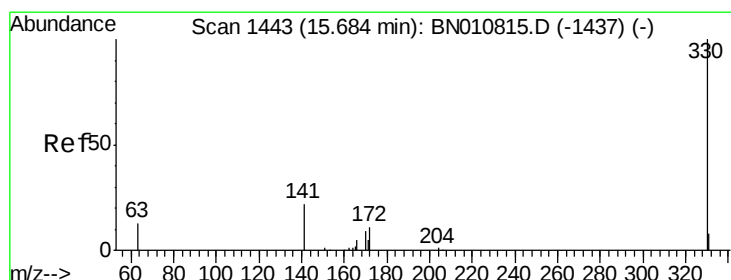
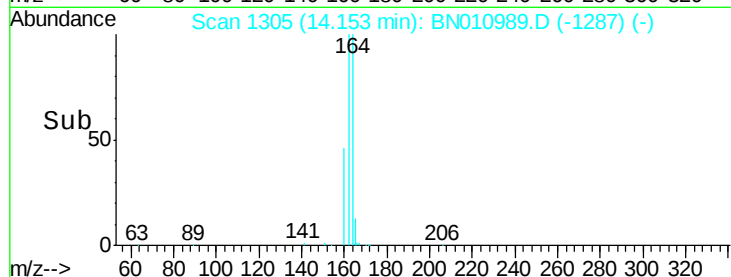
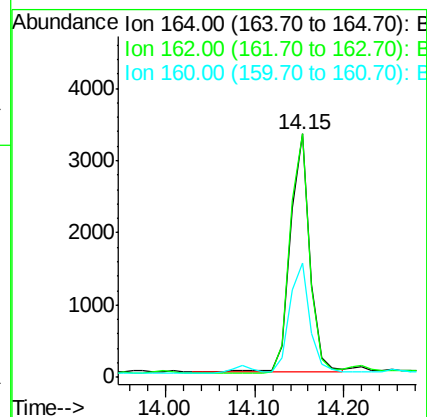
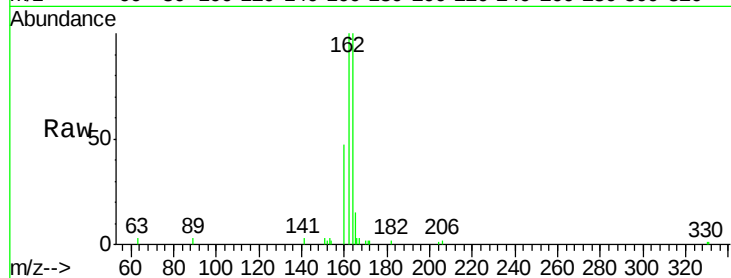
Tot Ion:164 Resp: 5058

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

160 46.8 38.9 58.3



#14

2,4,6-Tribromophenol

Concen: 0.504 ng

RT: 15.66 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

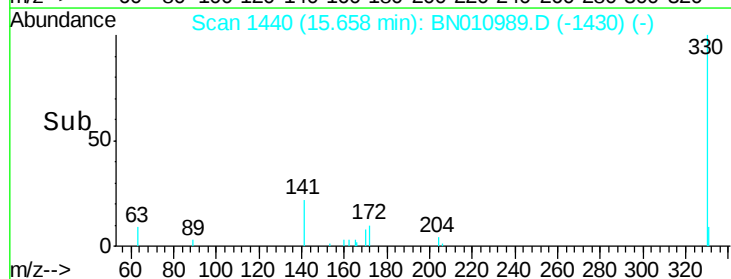
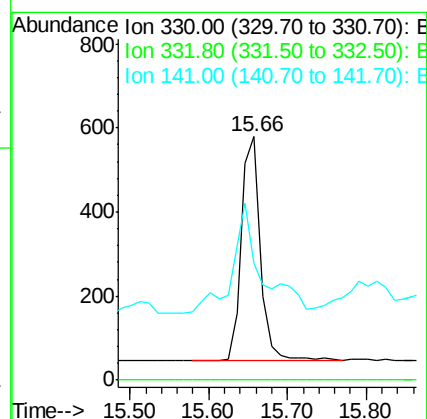
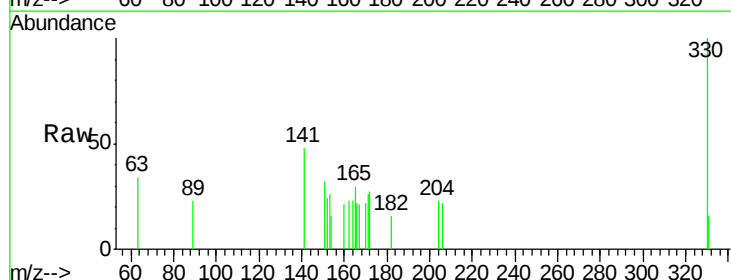
Tgt Ion:330 Resp: 911

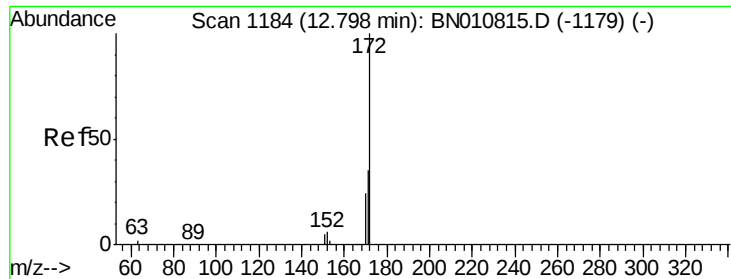
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 73.3 33.2 49.8#

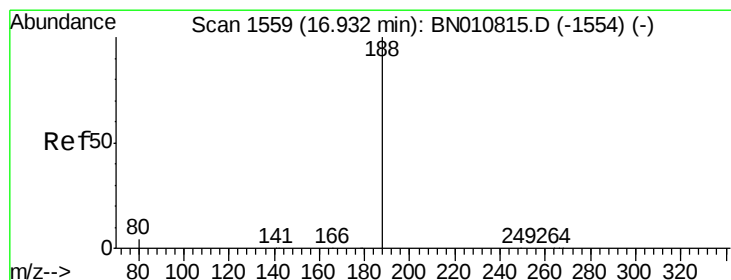
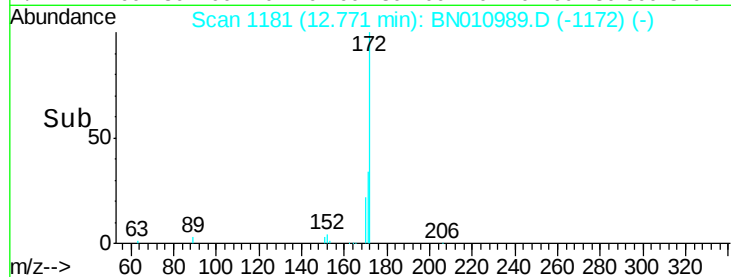
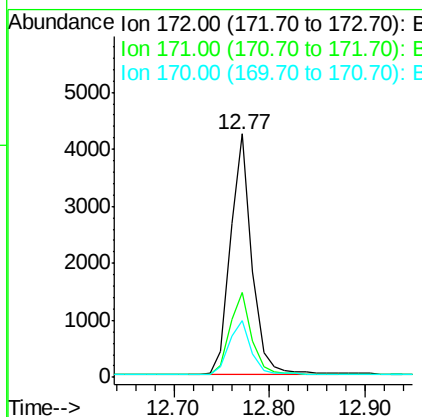
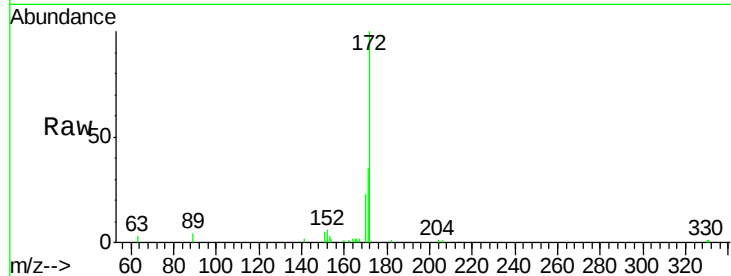




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010989.D
Acq: 20 Jun 2020 04:59

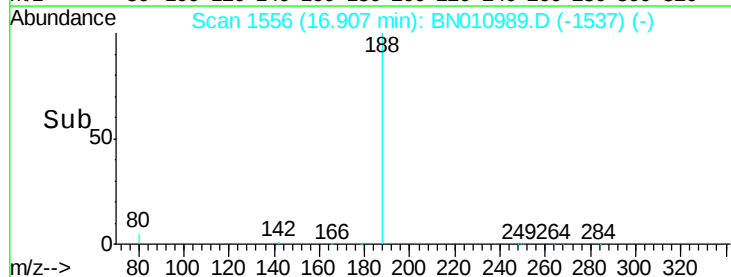
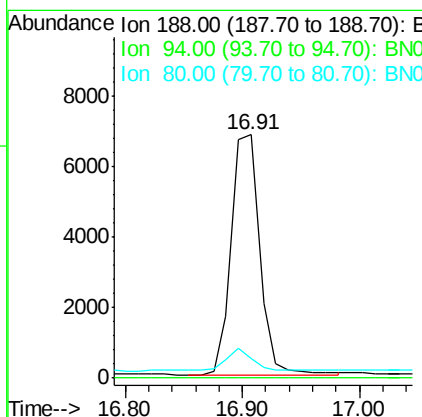
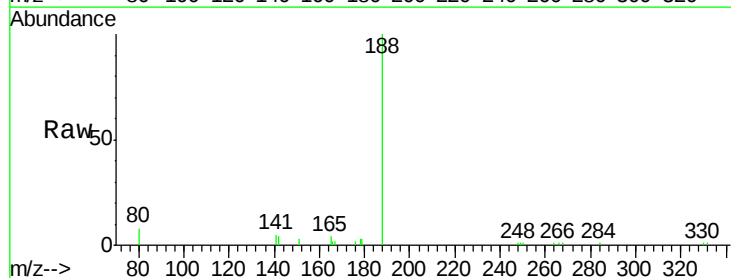
Instrument :
BNA_N
ClientSampled :
MW-23

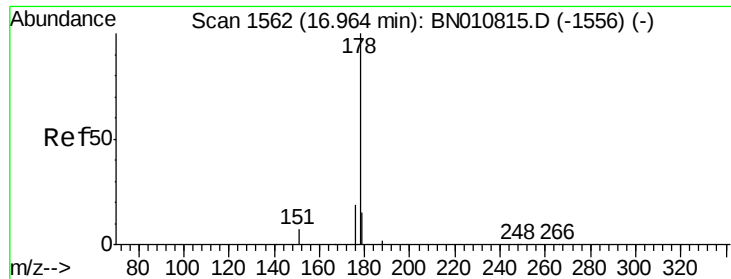
Tot Ion:172 Resp: 6600
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN010989.D
Acq: 20 Jun 2020 04:59

Tgt Ion:188 Resp: 11398
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 4.5 6.7#





#23

Phenanthrene

Concen: 0.028 ng

RT: 16.94 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

Instrument :

BNA_N

ClientSampleId :

MW-23

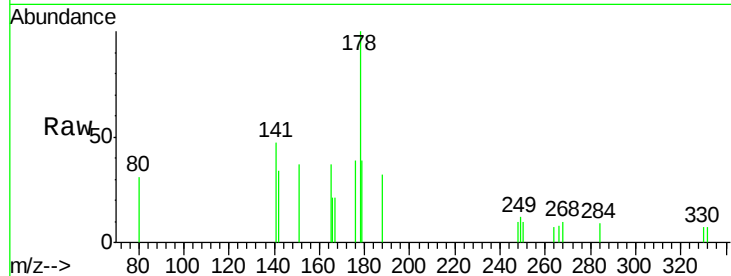
Tot Ion:178 Resp: 874

Ion Ratio Lower Upper

178 100

176 25.1 15.3 22.9#

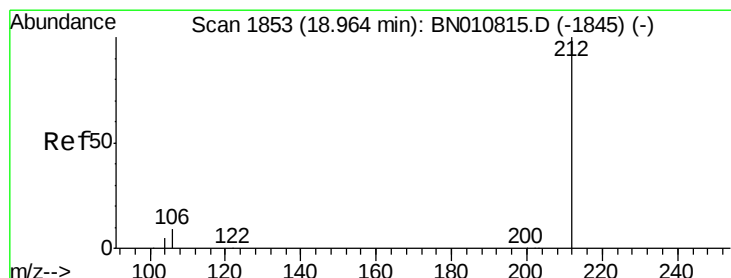
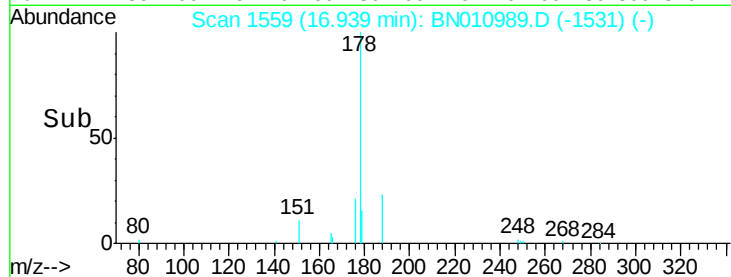
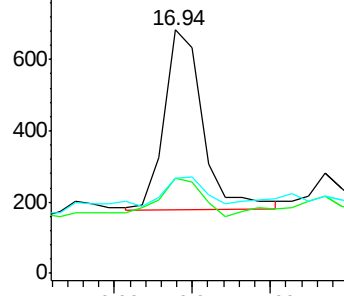
179 20.5 12.6 19.0#



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: 0.349 ng

RT: 18.94 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

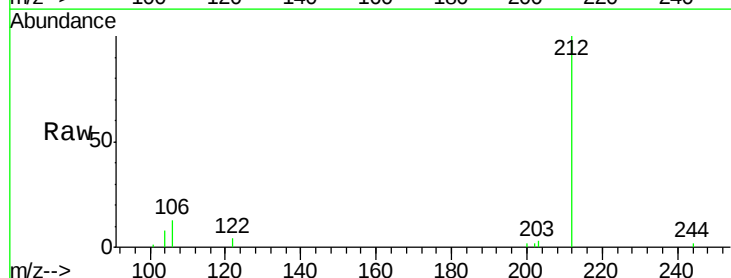
Tgt Ion:212 Resp: 10984

Ion Ratio Lower Upper

212 100

106 10.3 6.6 10.0#

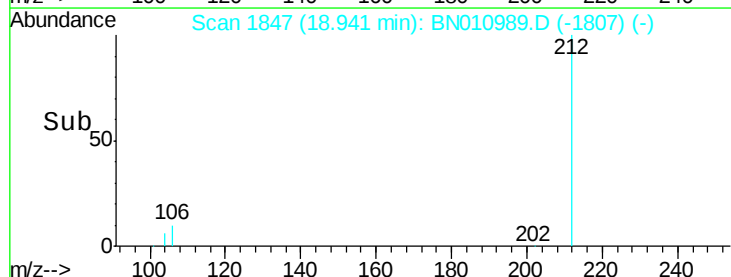
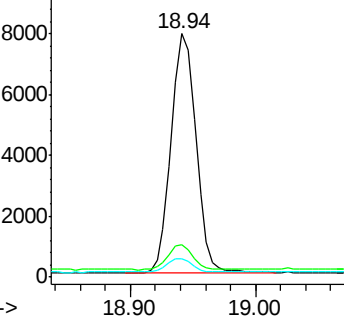
104 5.7 4.0 6.0

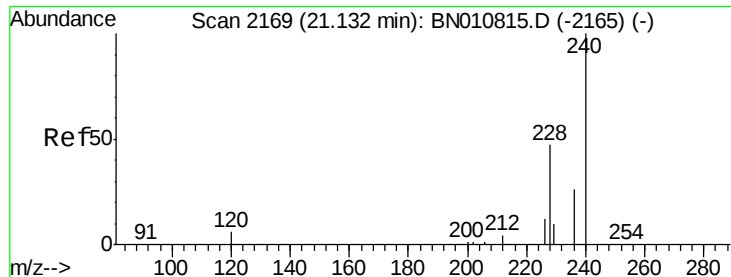


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

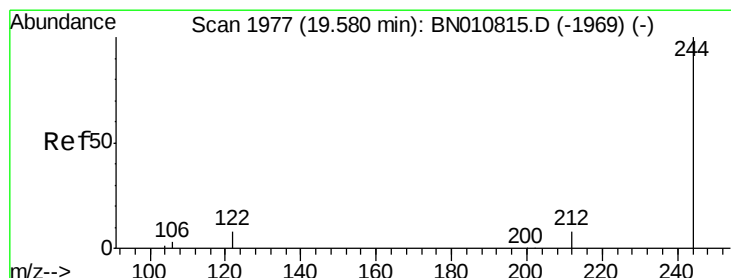
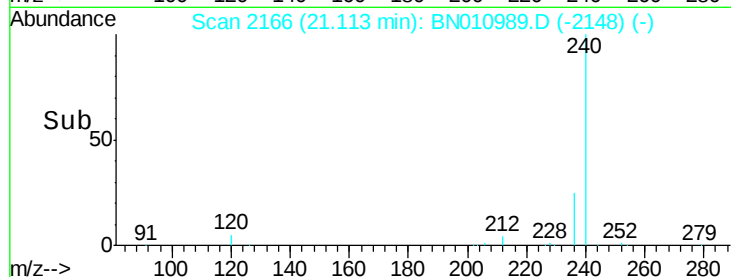
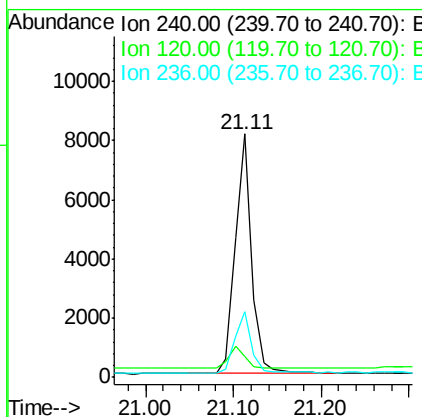
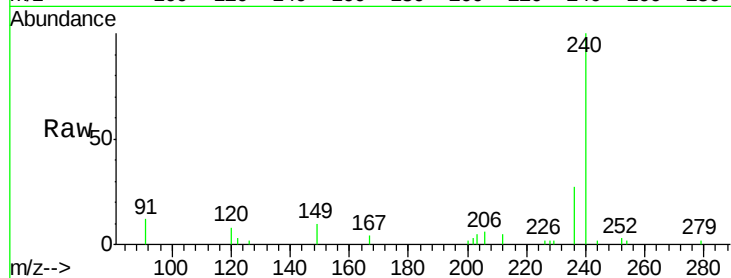




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BN010989.D
 Acq: 20 Jun 2020 04:59

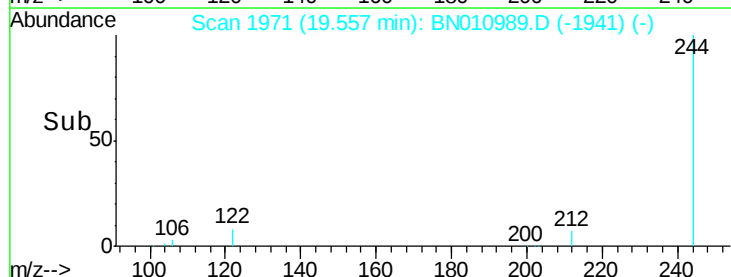
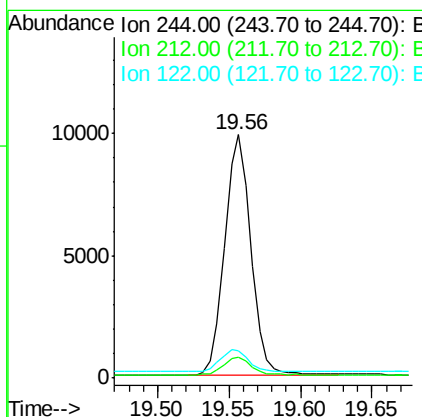
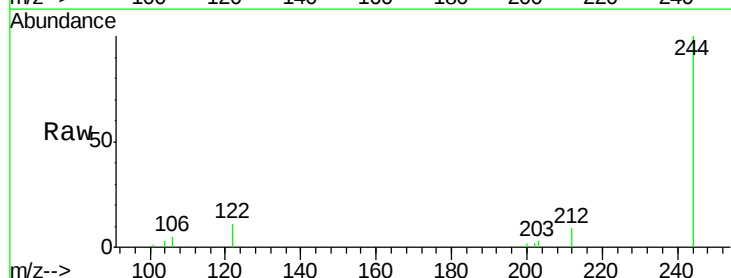
Instrument :
 BNA_N
 ClientSampleId :
 MW-23

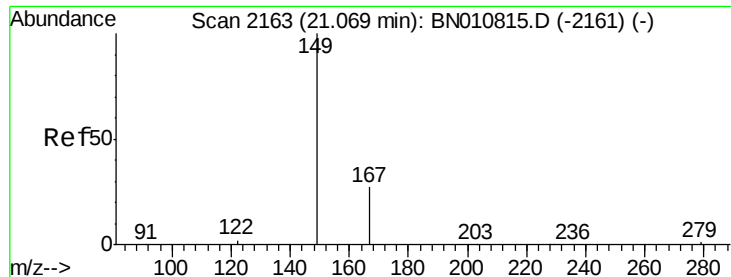
Tot Ion:240 Resp: 10549
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.5 11.3
 236 26.8 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.504 ng
 RT: 19.56 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BN010989.D
 Acq: 20 Jun 2020 04:59

Tgt Ion:244 Resp: 12450
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.2
 122 11.1 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

Instrument :

BNA_N

ClientSampleId :

MW-23

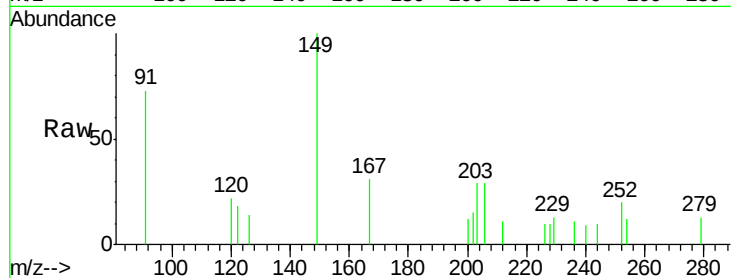
Tot Ion:149 Resp: 786

Ion Ratio Lower Upper

149 100

167 32.8 24.1 36.1

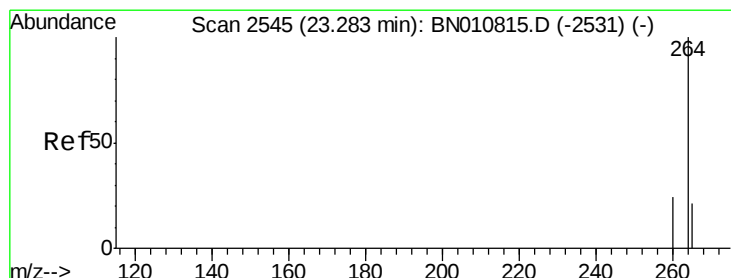
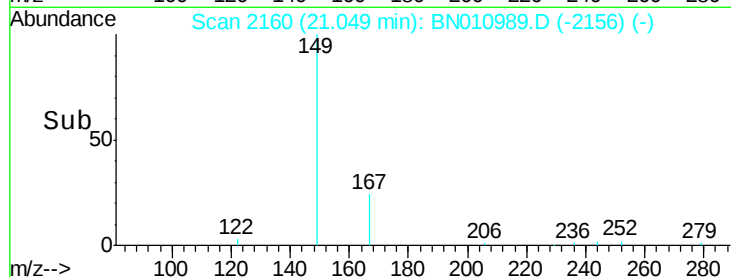
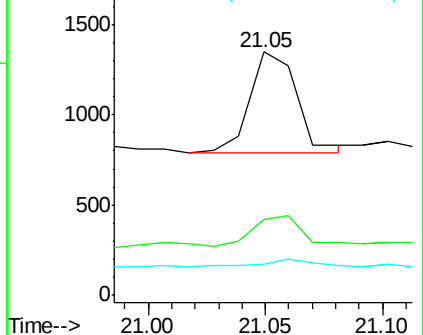
279 8.0 4.6 7.0#



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: 23.25 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

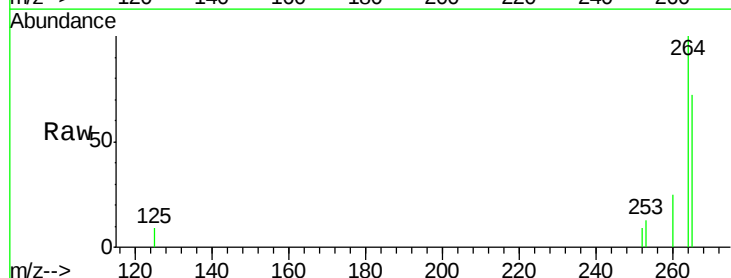
Tgt Ion:264 Resp: 10816

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 72.2 75.0 112.4#



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

