

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 22 01:11:23 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

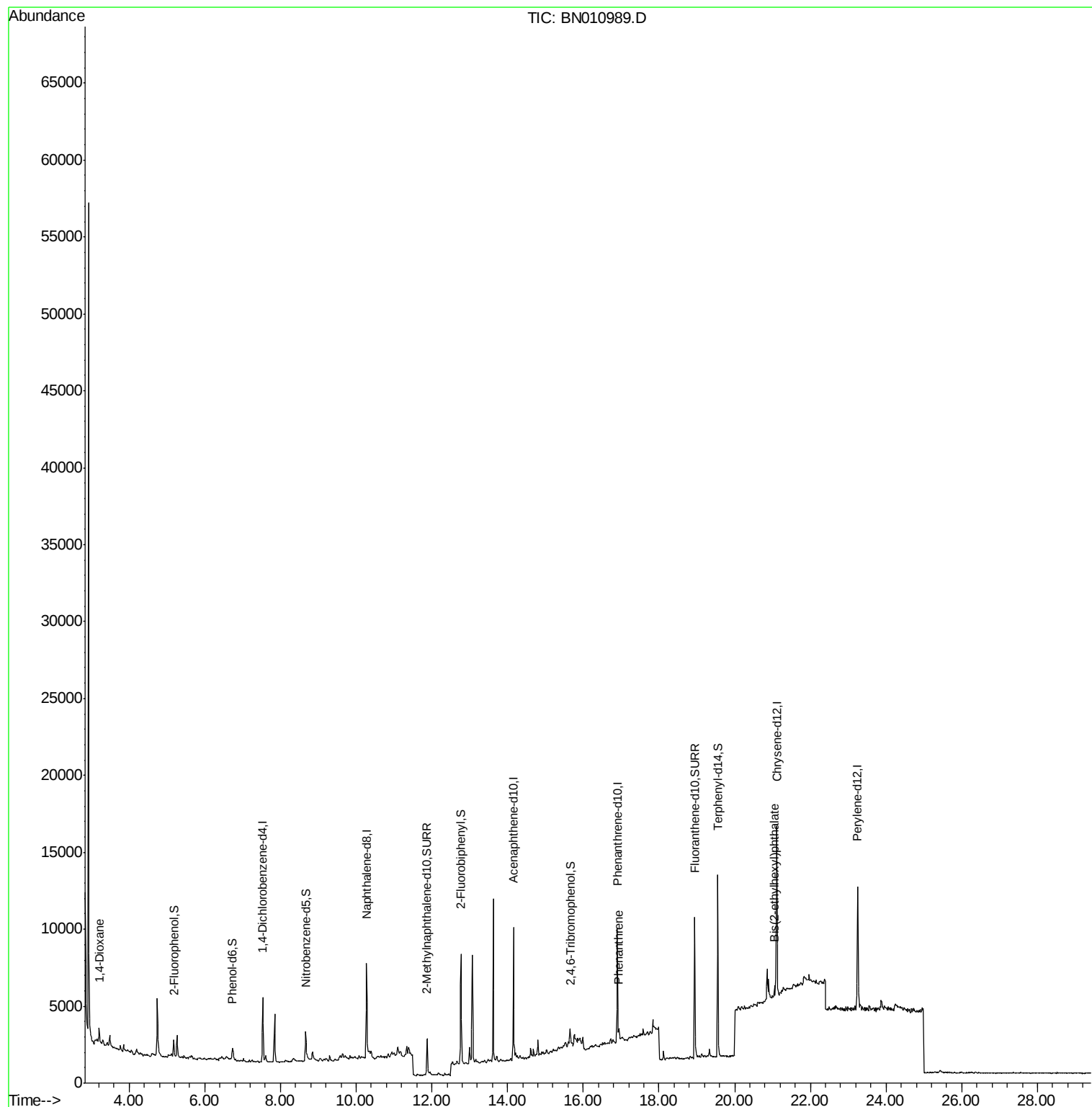
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2266	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8952	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5058	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	11398	0.40	ng	0.00
27) Chrysene-d12	21.11	240	10549	0.40	ng	0.00
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	Qvalue # 73
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

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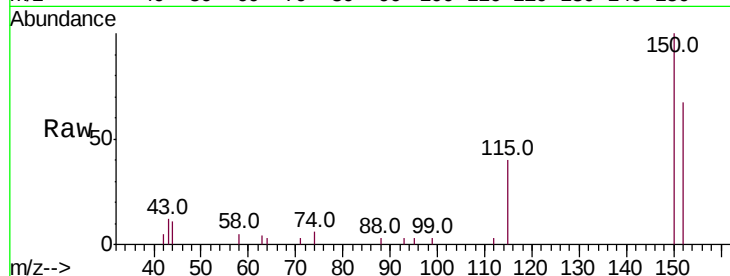


#1

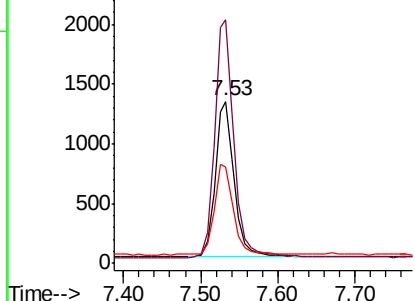
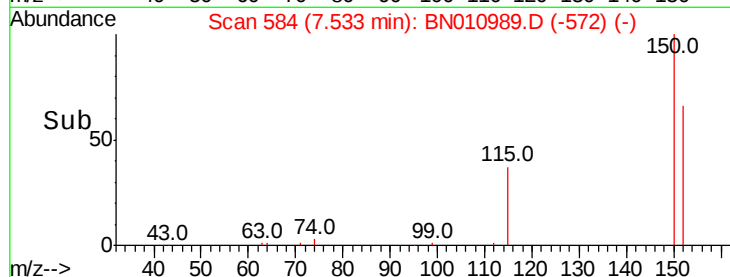
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010989.D
Acq: 20 Jun 2020 04:59

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



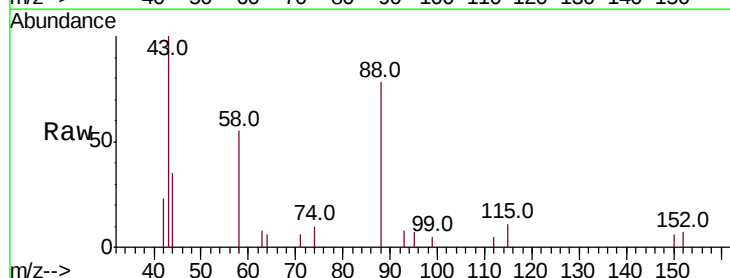
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



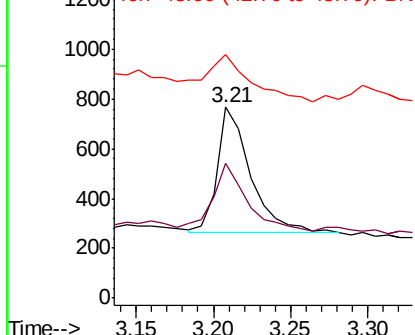
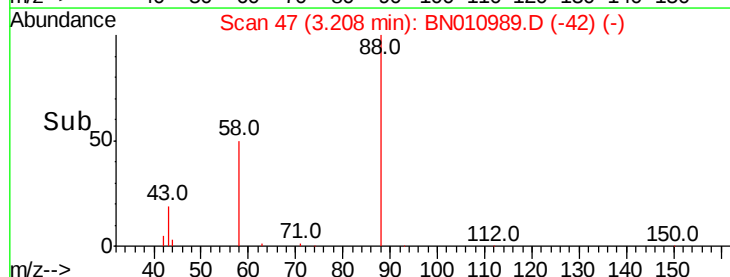
#2

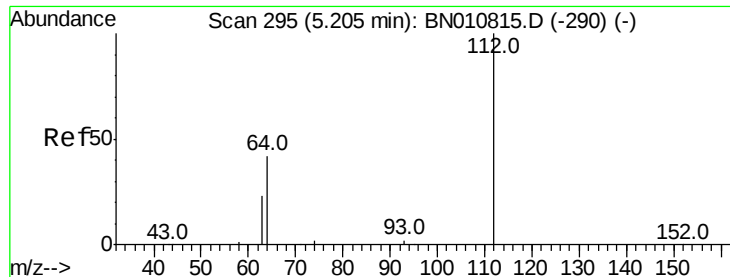
1,4-Dioxane
Concen: 0.337 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010989.D
Acq: 20 Jun 2020 04:59

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): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

MW-23

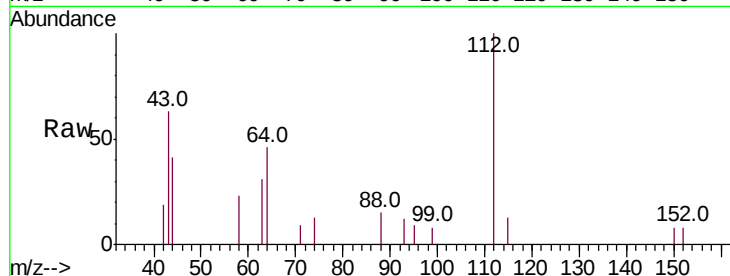
Tot Ion:112 Resp: 990

Ion Ratio Lower Upper

112 100

64 45.1 37.4 56.0

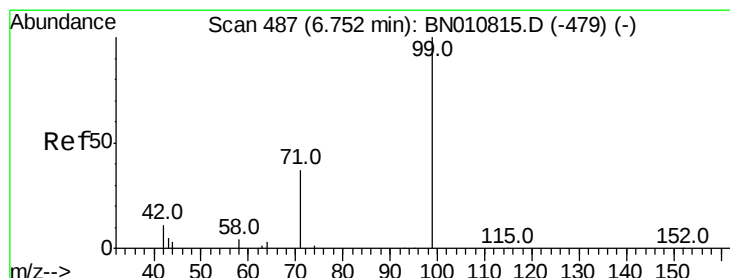
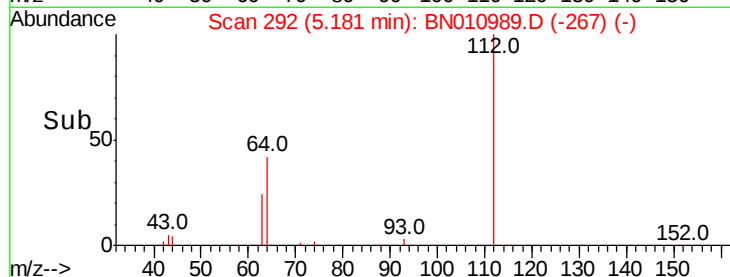
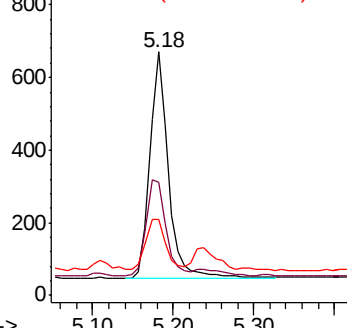
63 23.5 22.2 33.4



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: 0.144 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

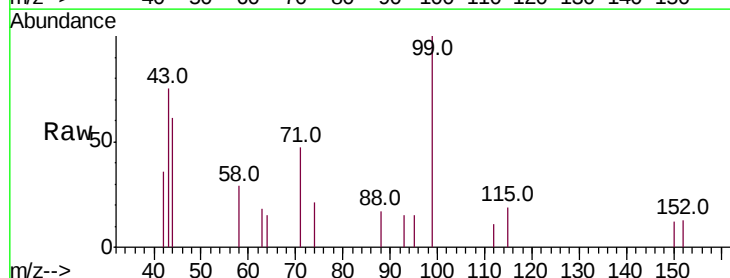
Tgt Ion: 99 Resp: 744

Ion Ratio Lower Upper

99 100

42 25.7 11.1 16.7#

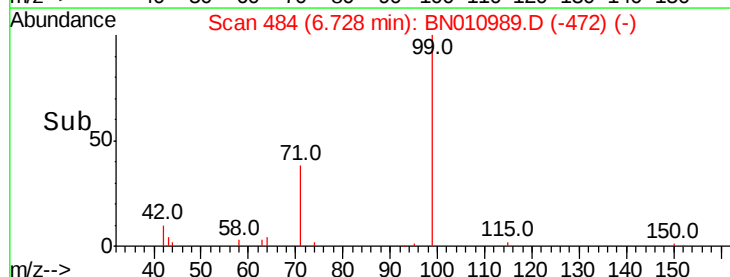
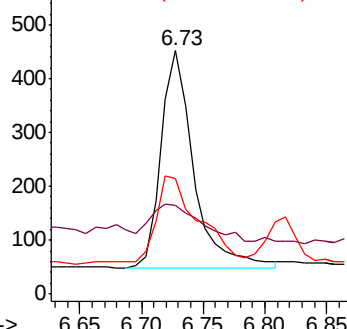
71 55.0 31.4 47.2#

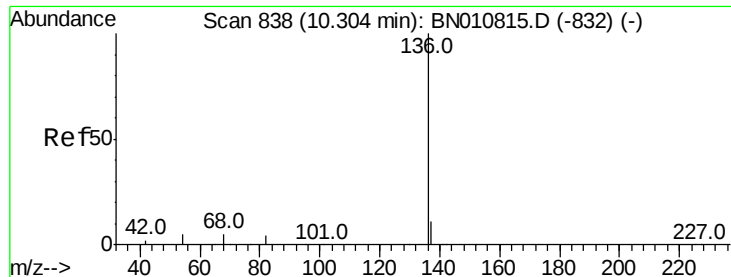


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

MW-23

Tot Ion:136 Resp: 8952

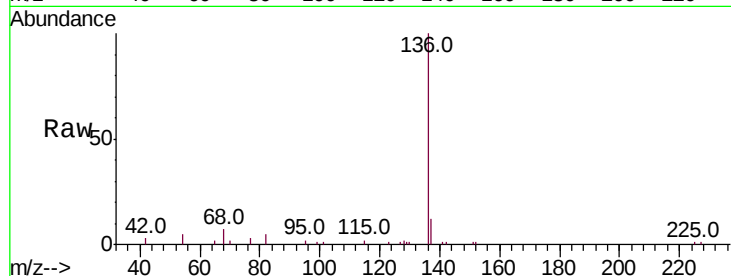
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.9 4.9 7.3

68 6.6 4.7 7.1

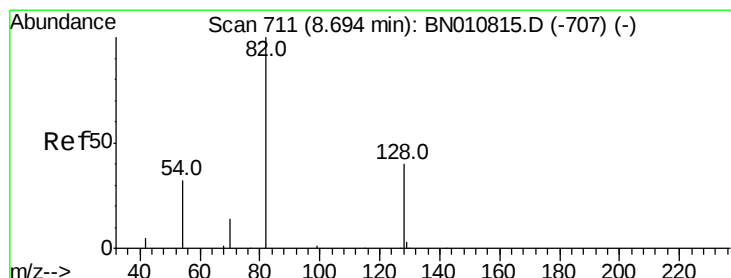
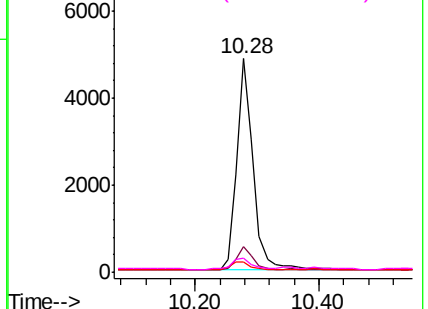
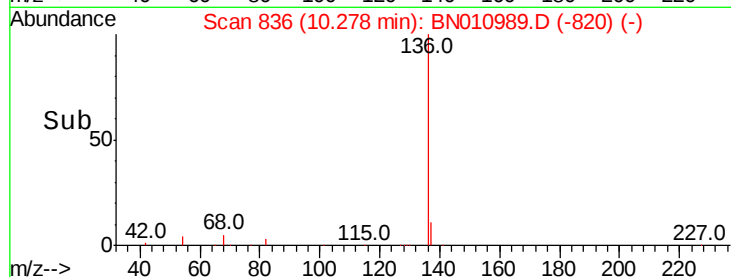


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

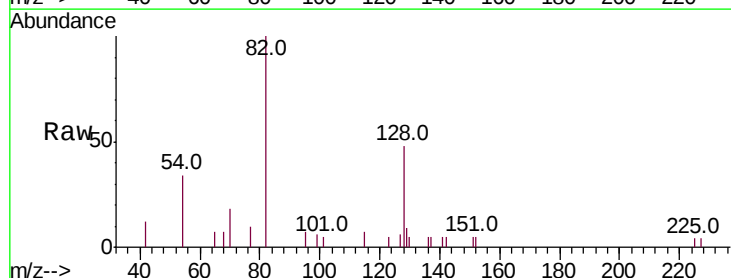
Tgt Ion: 82 Resp: 2217

Ion Ratio Lower Upper

82 100

128 47.8 35.4 53.0

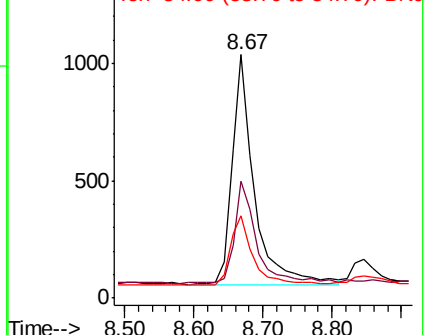
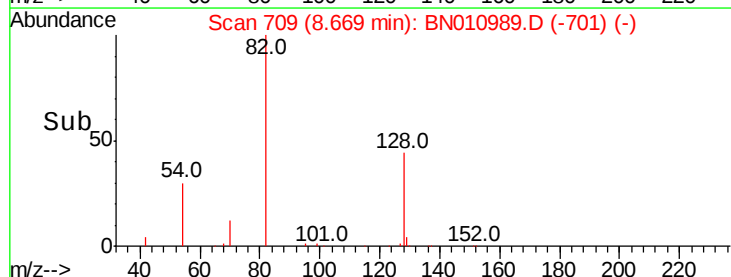
54 33.6 28.2 42.4

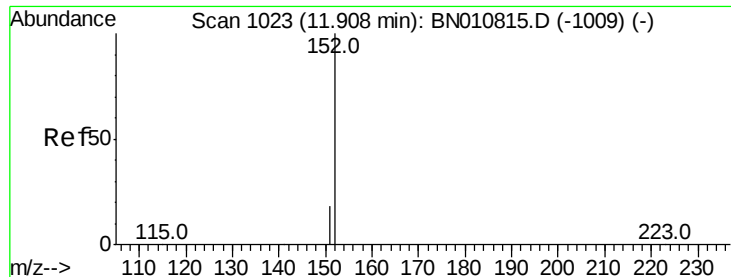


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_N

ClientSampleId :

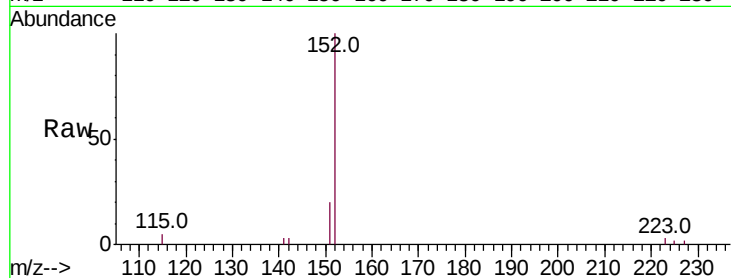
MW-23

Tot 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): E

Ion 151.00 (150.70 to 151.70): E

11.87

2500

2000

1500

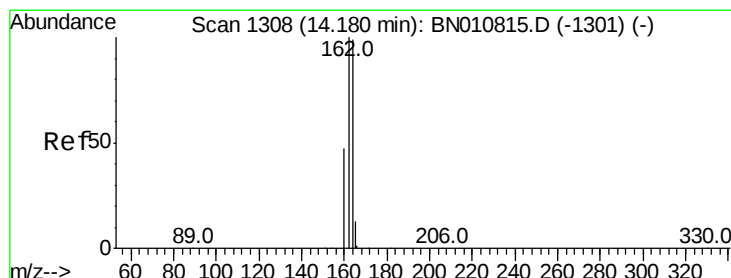
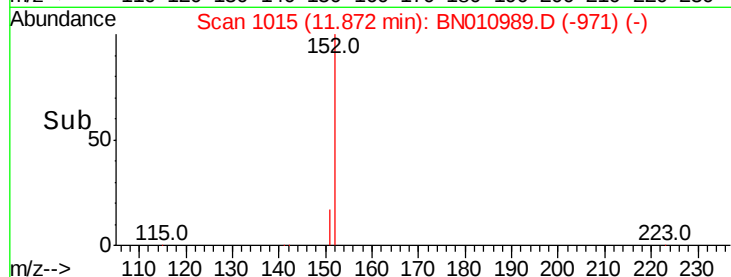
1000

500

0

Time-->

11.80 11.90



#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

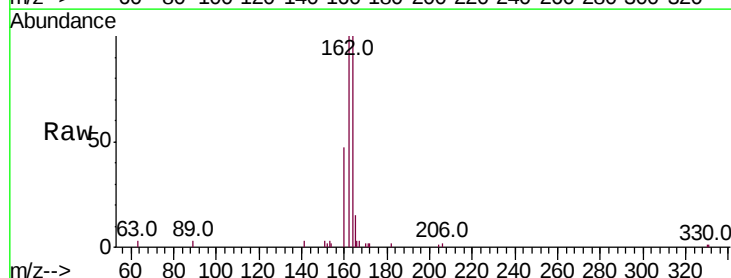
Tgt Ion:164 Resp: 5058

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

160 46.8 38.9 58.3



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

14.15

4000

3000

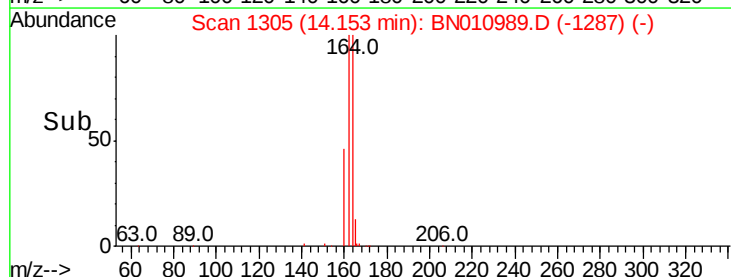
2000

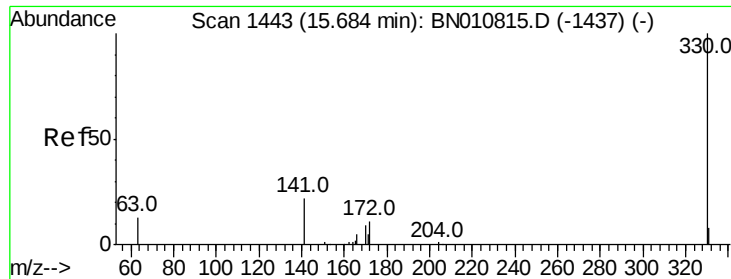
1000

0

Time-->

14.00 14.10 14.20

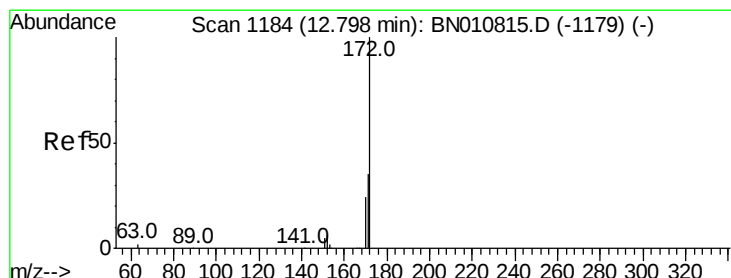
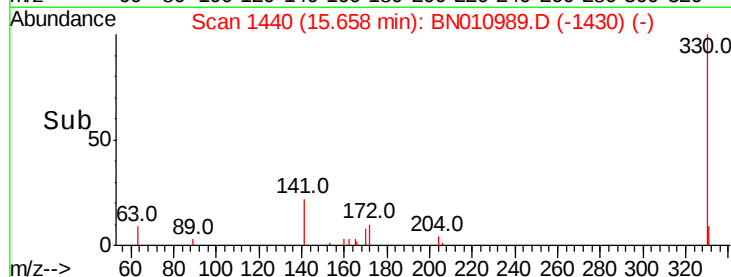
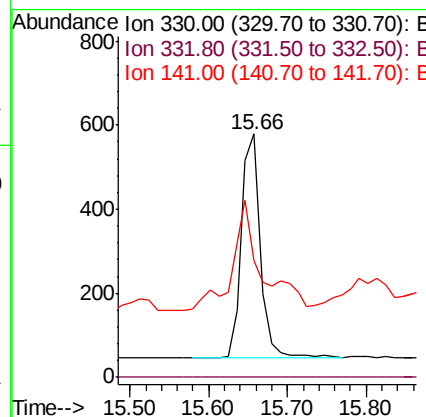
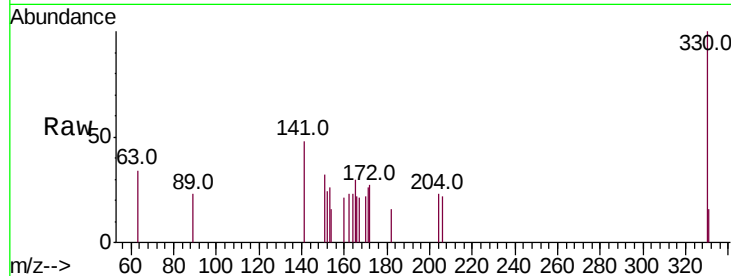




#14
 2,4,6-Tribromophenol
 Concen: 0.504 ng
 RT: 15.66 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BN010989.D
 Acq: 20 Jun 2020 04:59

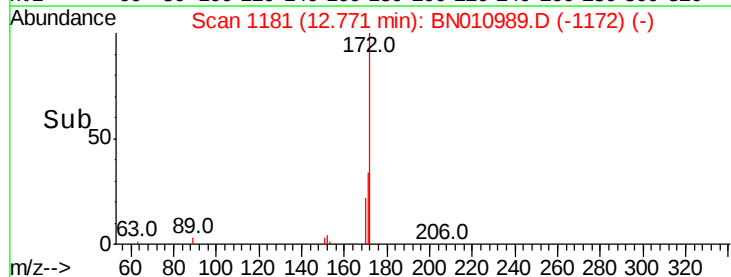
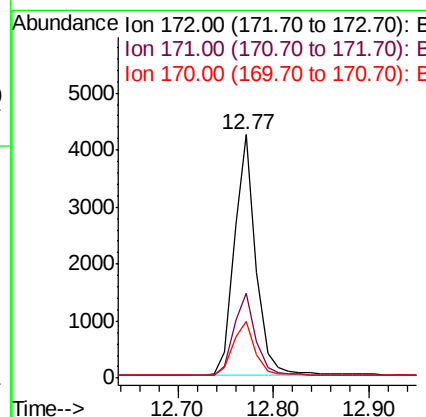
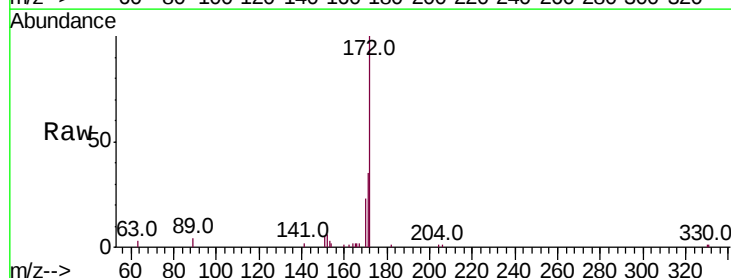
Instrument :
 BNA_N
 ClientSampleId :
 MW-23

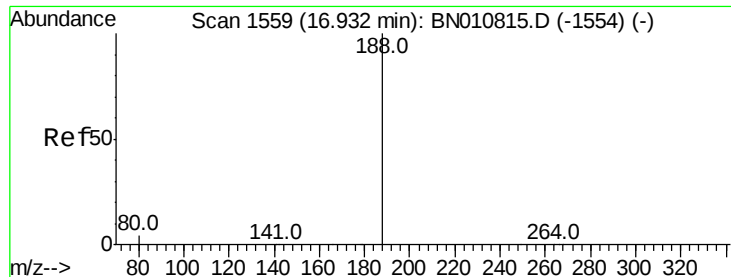
Tot Ion:330 Resp: 911
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 73.3 33.2 49.8#



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

MW-23

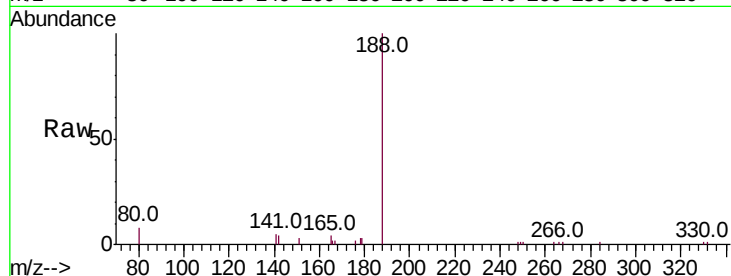
Tot Ion:188 Resp: 11398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

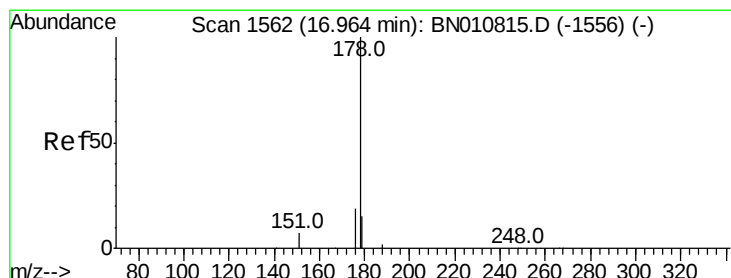
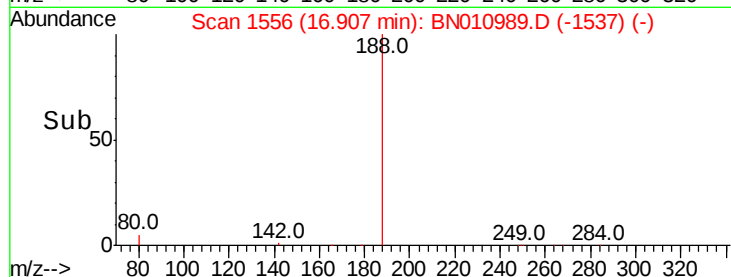
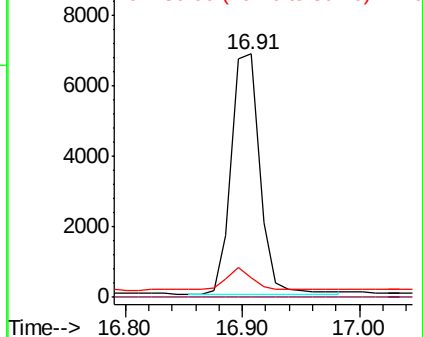
80 7.9 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#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

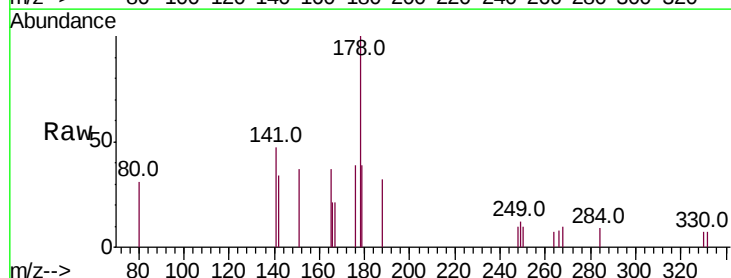
Tgt Ion:178 Resp: 874

Ion Ratio Lower Upper

178 100

176 25.1 15.3 22.9#

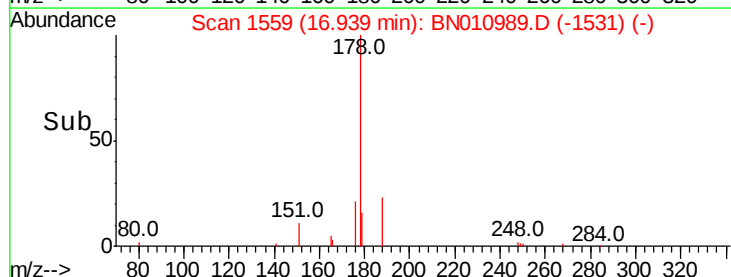
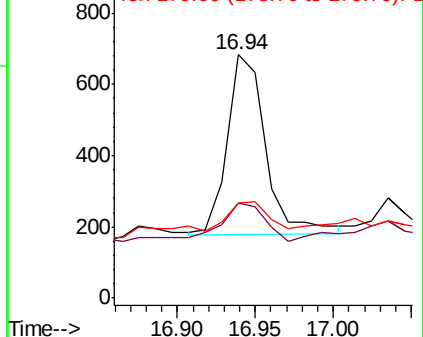
179 20.5 12.6 19.0#

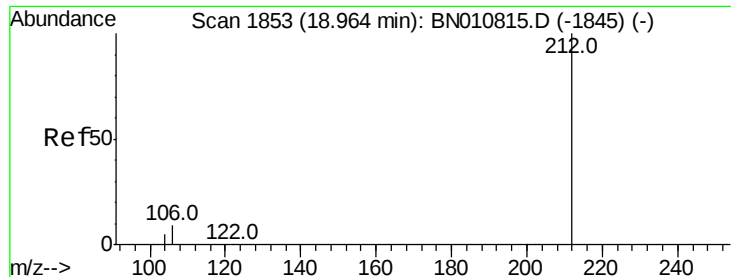


Abundance Ion 178.00 (177.70 to 178.70): E

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

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ClientSampleId :

MW-23

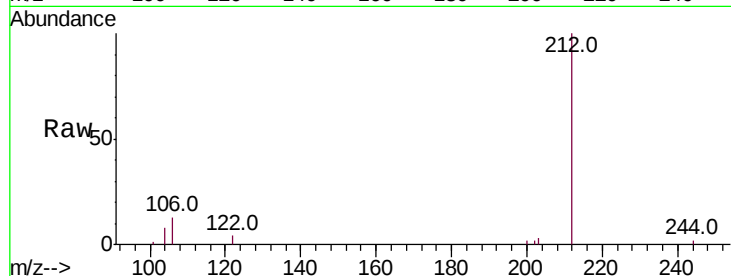
Tot Ion:212 Resp: 10984

Ion Ratio Lower Upper

212 100

106 10.3 6.6 10.0#

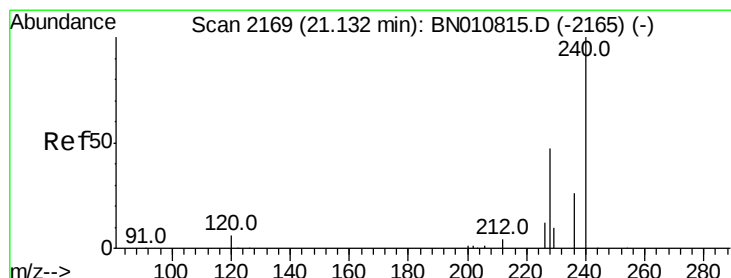
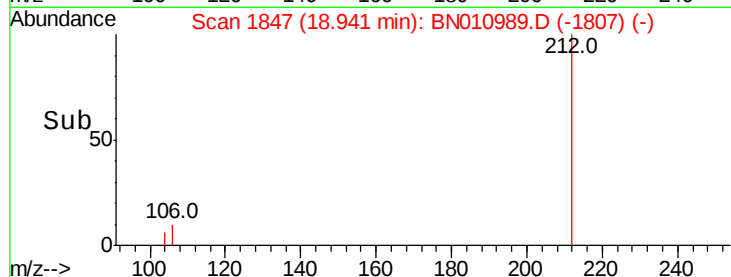
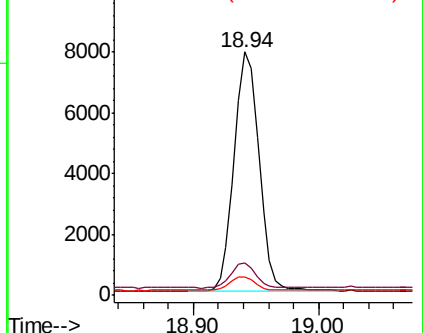
104 5.7 4.0 6.0



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

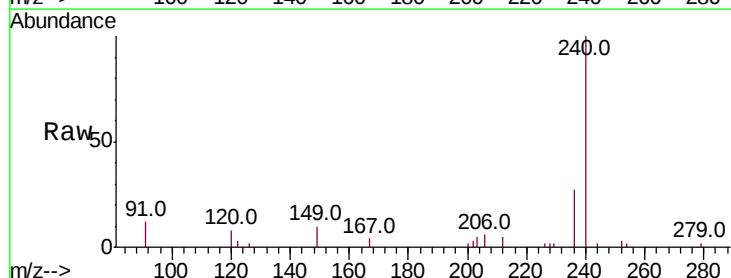
Tgt Ion:240 Resp: 10549

Ion Ratio Lower Upper

240 100

120 8.4 7.5 11.3

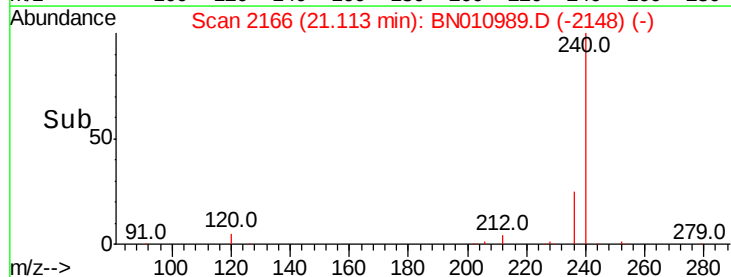
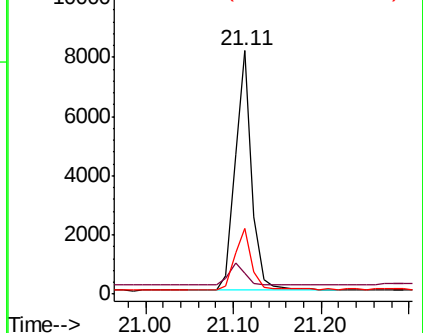
236 26.8 22.3 33.5

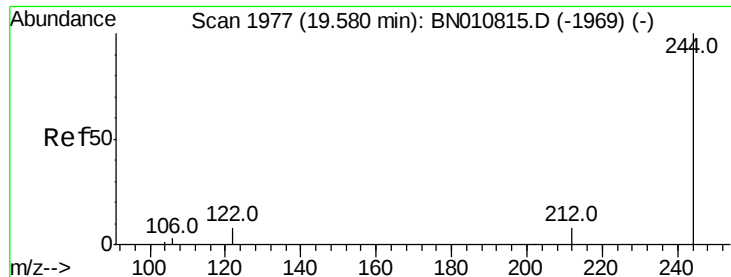


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

Instrument :

BNA_N

ClientSampleId :

MW-23

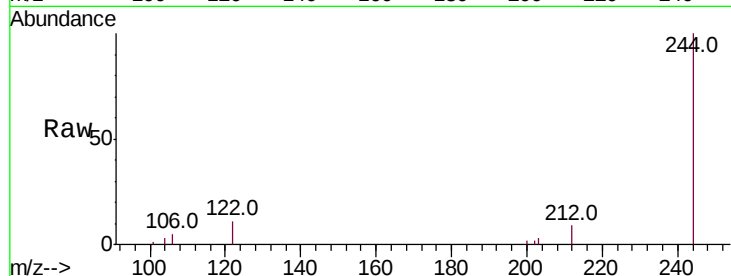
Tot Ion:244 Resp: 12450

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

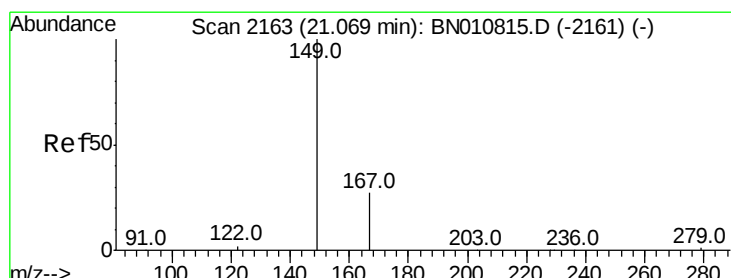
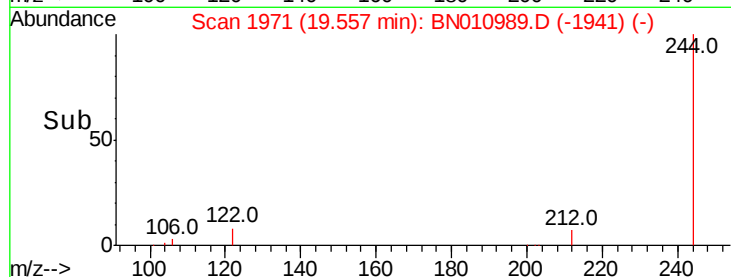
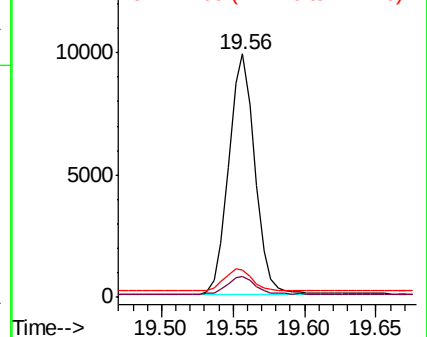
122 11.1 7.5 11.3



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: 0.076 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN010989.D

Acq: 20 Jun 2020 04:59

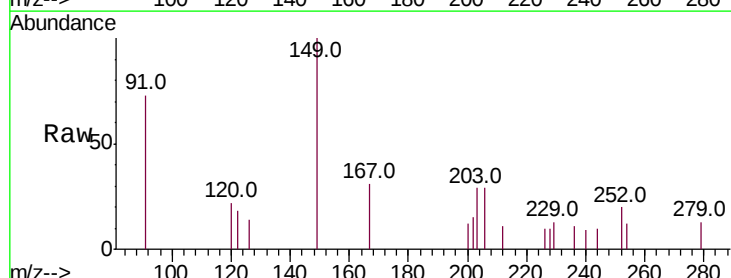
Tgt Ion:149 Resp: 786

Ion Ratio Lower Upper

149 100

167 32.8 24.1 36.1

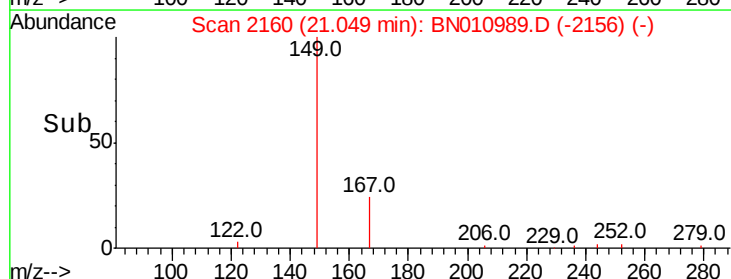
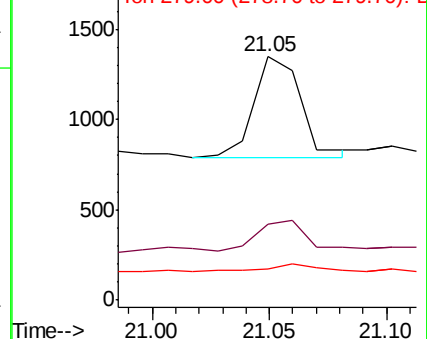
279 8.0 4.6 7.0#

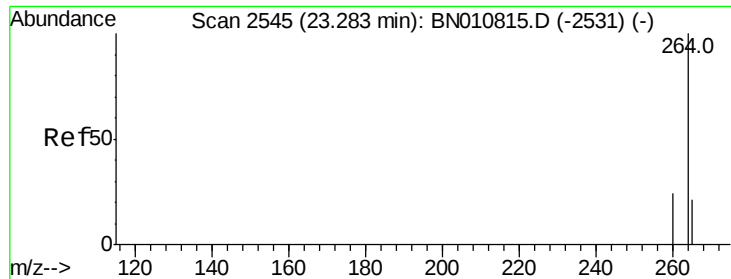


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

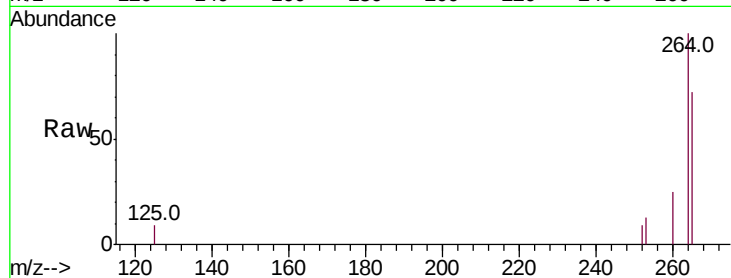




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BN010989.D
 Acq: 20 Jun 2020 04:59

Instrument :
 BNA_N
 ClientSampleId :
 MW-23

Tot 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

