

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010999.D
 Acq On : 20 Jun 2020 10:59
 Operator : CG/JU
 Sample : L3043-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20200613

Quant Time: Jun 22 00:31:03 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

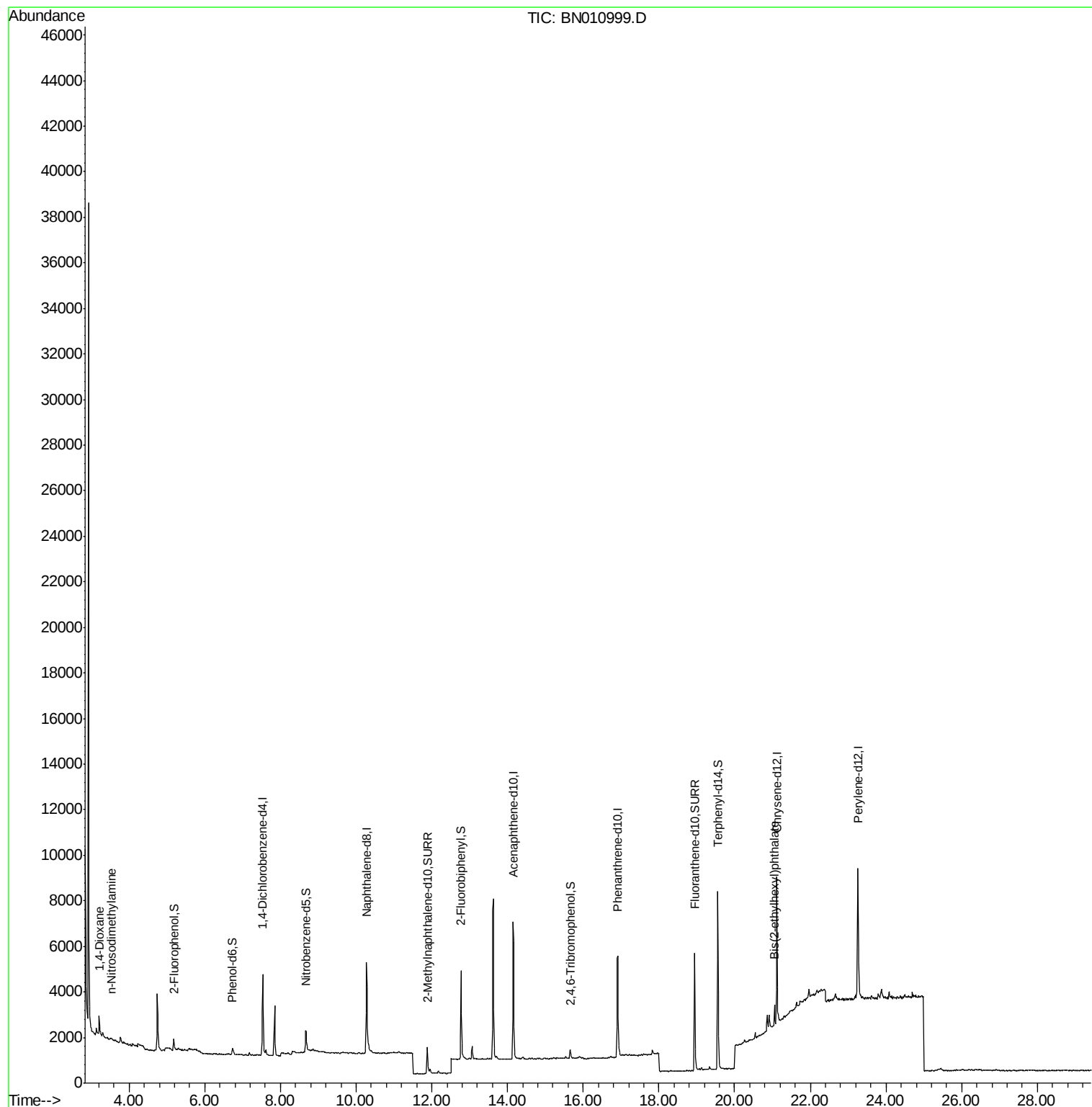
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2070	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6830	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3837	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	7856	0.40	ng	0.01
27) Chrysene-d12	21.11	240	7597	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7940	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	506	0.13	ng	0.00
5) Phenol-d6	6.73	99	323	0.07	ng	0.00
8) Nitrobenzene-d5	8.67	82	1392	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	2036	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	388	0.28	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	4298	0.28	ng	0.00
25) Fluoranthene-d10	18.94	212	6844	0.32	ng	0.00
29) Terphenyl-d14	19.56	244	8799	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	725	0.358	ng	# 84
3) n-Nitrosodimethylamine	3.53	42	31	0.026	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	817	0.110	ng	# 98

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

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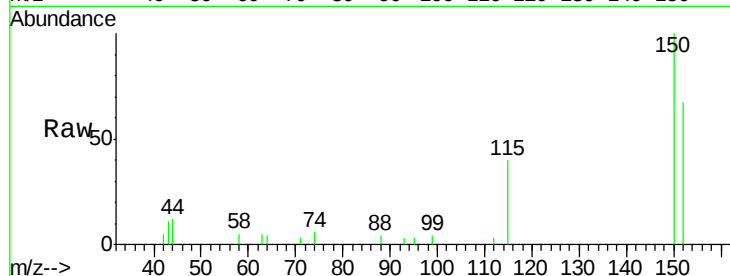


#1

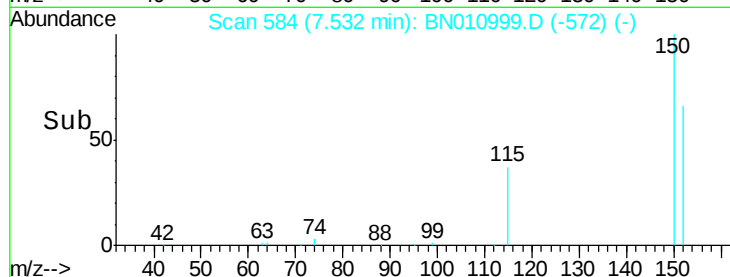
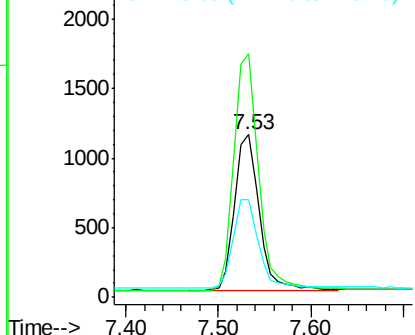
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010999.D
Acq: 20 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
MW203D2-20200613

Tot Ion:152 Resp: 2070
Ion Ratio Lower Upper
152 100
150 149.5 123.8 185.6
115 59.9 49.2 73.8



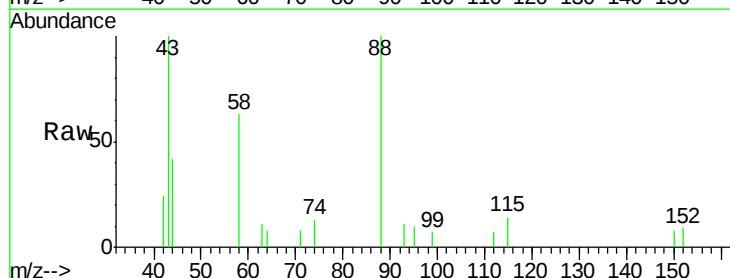
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



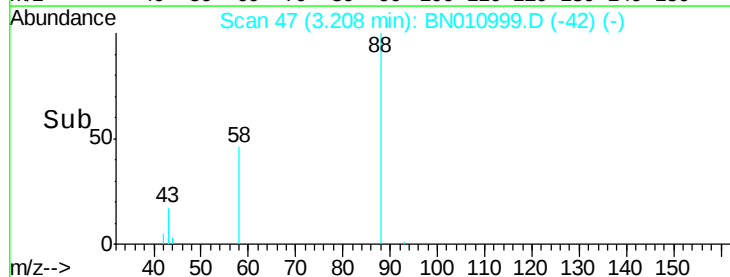
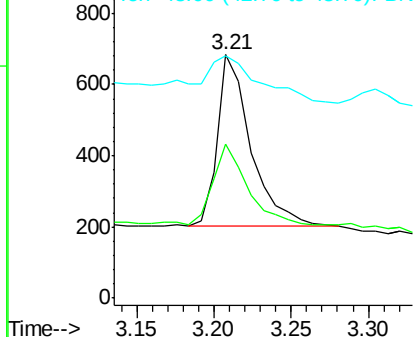
#2

1,4-Dioxane
Concen: 0.358 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010999.D
Acq: 20 Jun 2020 10:59

Tgt Ion: 88 Resp: 725
Ion Ratio Lower Upper
88 100
58 48.4 38.2 57.4
43 42.8 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



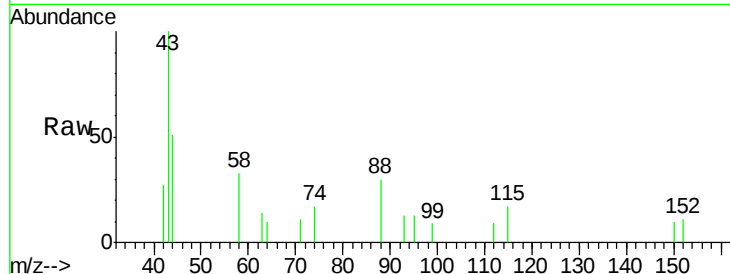


#3

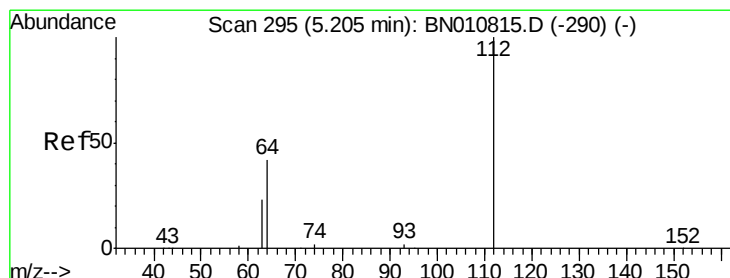
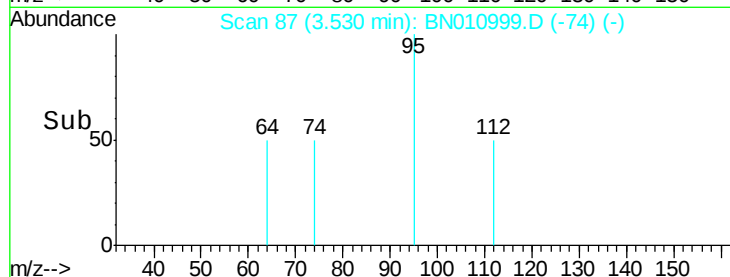
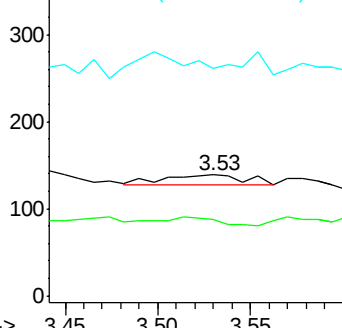
n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.01 min
 Lab File: BN010999.D
 Acq: 20 Jun 2020 10:59

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20200613

Tot Ion: 42 Resp: 31
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 0.0 1.4 2.2#



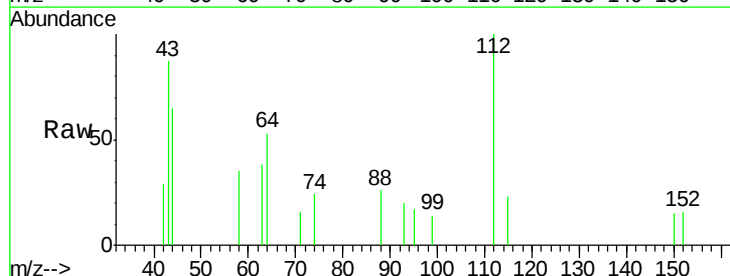
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



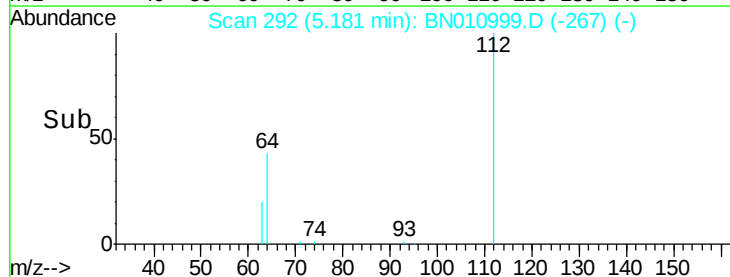
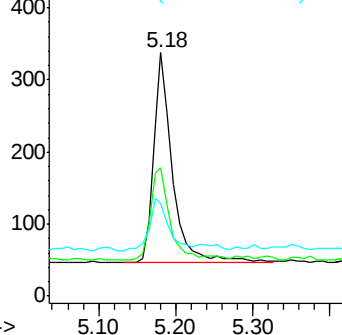
#4

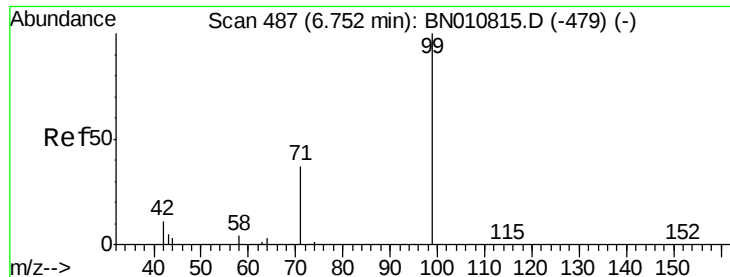
2-Fluorophenol
 Concen: 0.127 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN010999.D
 Acq: 20 Jun 2020 10:59

Tgt Ion: 112 Resp: 506
 Ion Ratio Lower Upper
 112 100
 64 46.6 37.4 56.0
 63 26.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.069 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

MW203D2-20200613

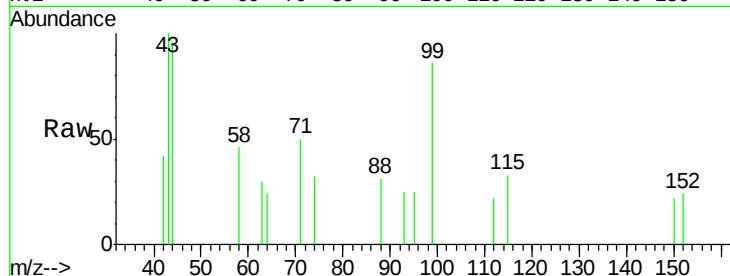
Tot Ion: 99 Resp: 323

Ion Ratio Lower Upper

99 100

42 13.3 11.1 16.7

71 43.3 31.4 47.2

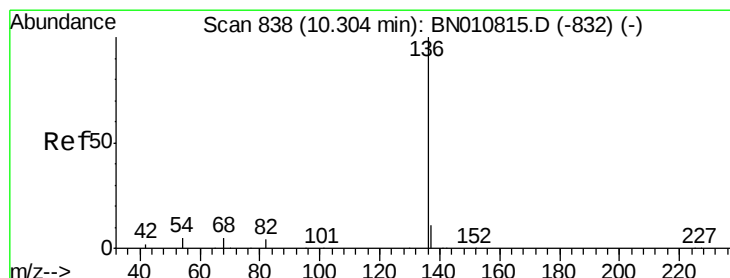
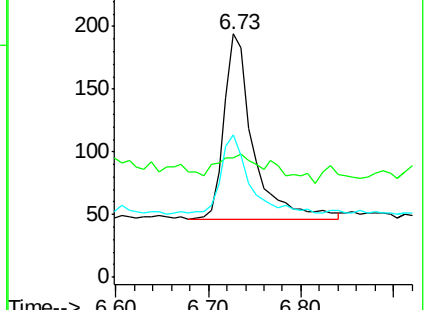
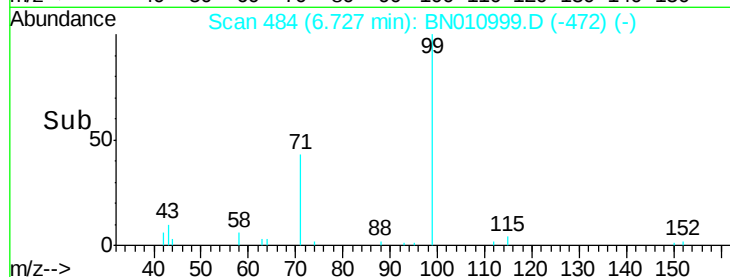


Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

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: BN010999.D

Acq: 20 Jun 2020 10:59

Tgt Ion: 136 Resp: 6830

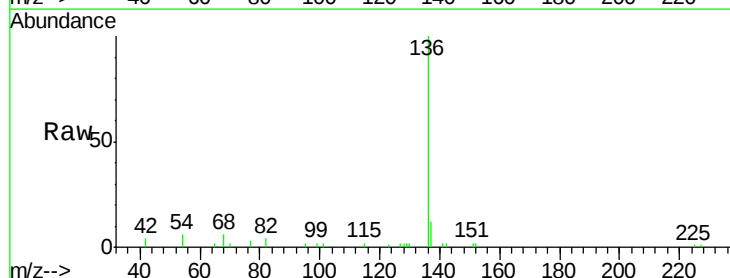
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 5.9 4.9 7.3

68 6.2 4.7 7.1



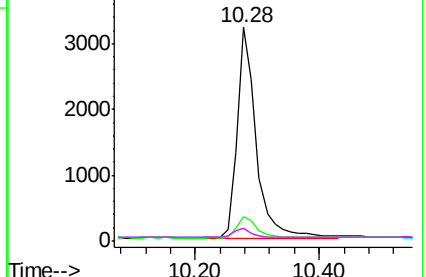
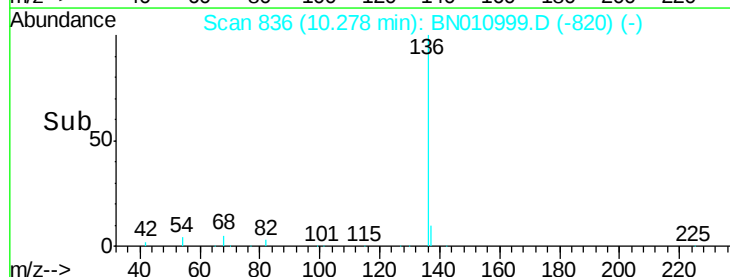
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

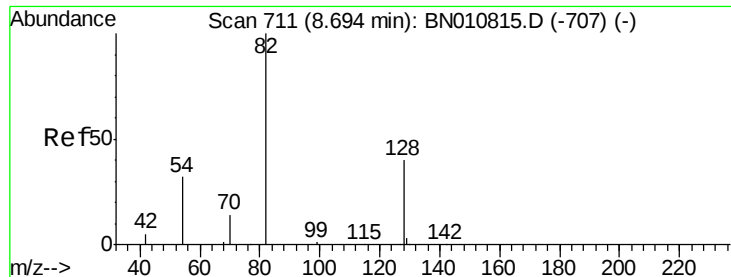
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

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

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

Time-->

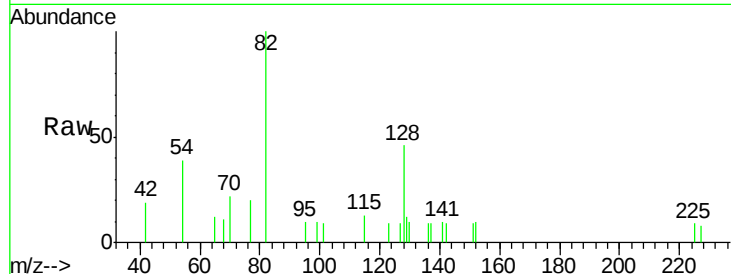




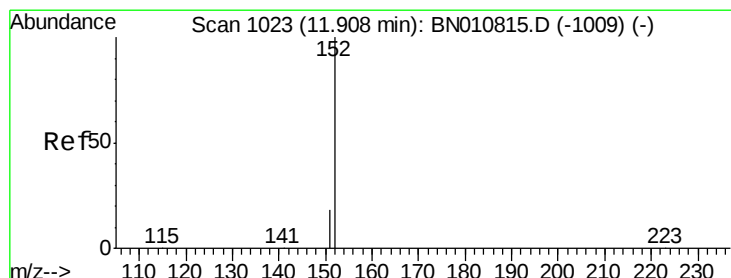
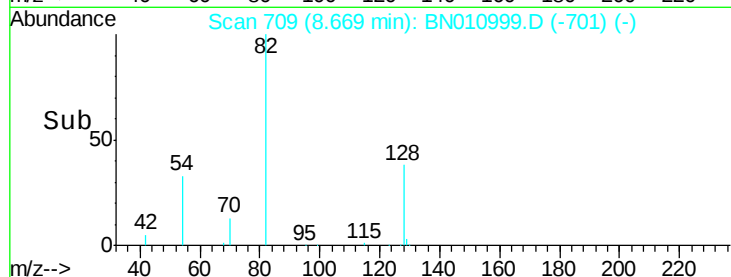
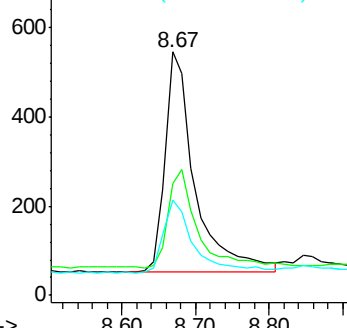
#8
 Nitrobenzene-d5
 Concen: 0.275 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010999.D
 Acq: 20 Jun 2020 10:59

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20200613

Tot Ion	82	Resp	1392
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.4	53.0
54	39.1	28.2	42.4

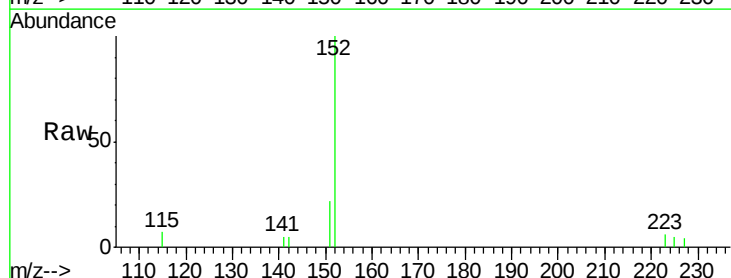


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

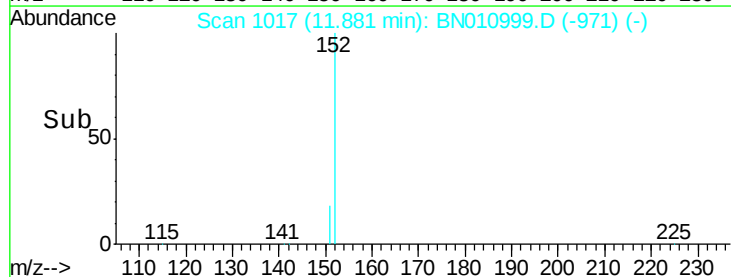
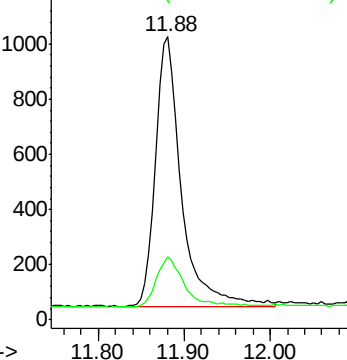


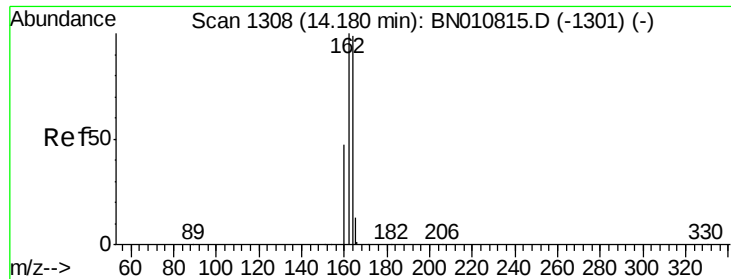
#11
 2-Methylnaphthalene-d10
 Concen: 0.192 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BN010999.D
 Acq: 20 Jun 2020 10:59

Tgt Ion	152	Resp	2036
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

MW203D2-20200613

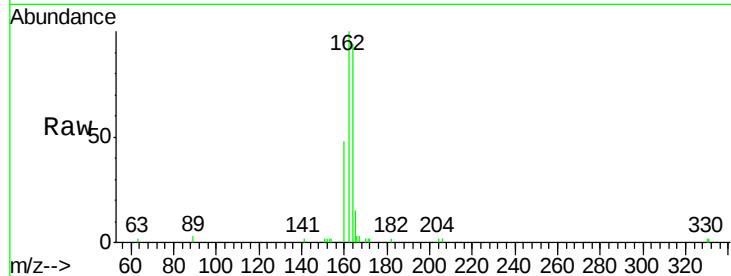
Tot Ion:164 Resp: 3837

Ion Ratio Lower Upper

164 100

162 106.0 81.0 121.6

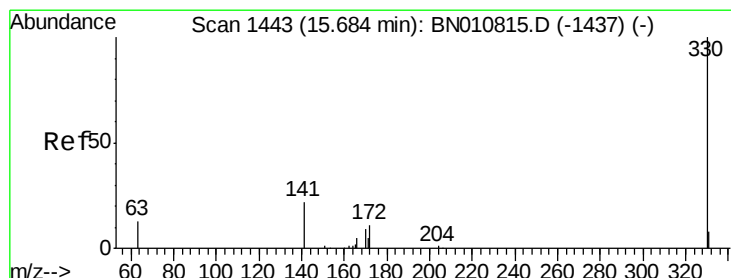
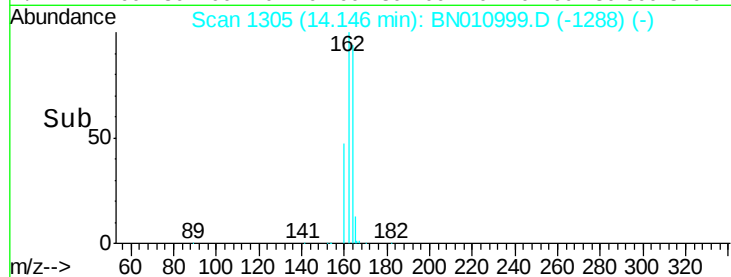
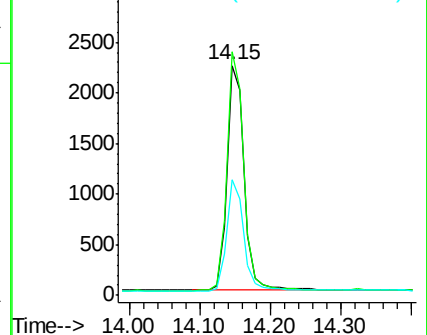
160 50.4 38.9 58.3



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

2,4,6-Tribromophenol

Concen: 0.283 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

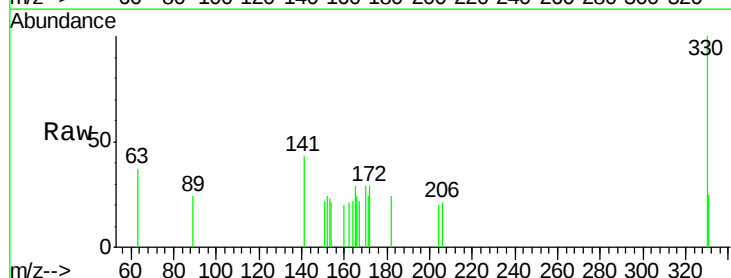
Tgt Ion:330 Resp: 388

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

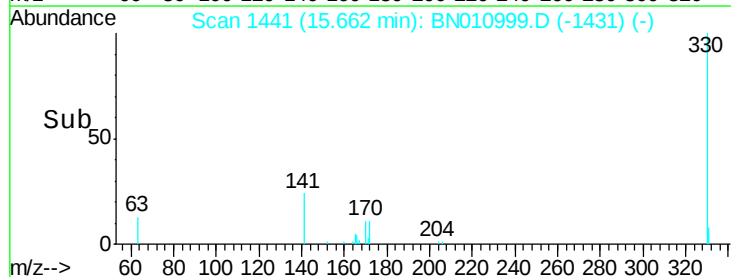
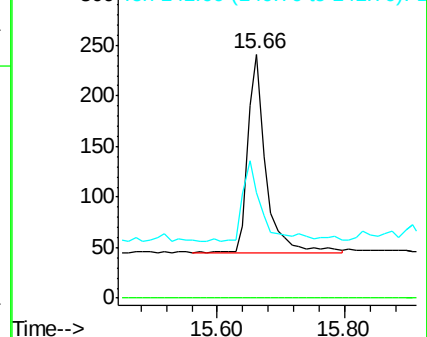
141 39.7 33.2 49.8

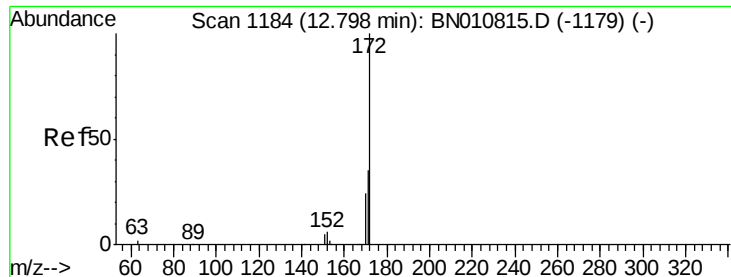


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

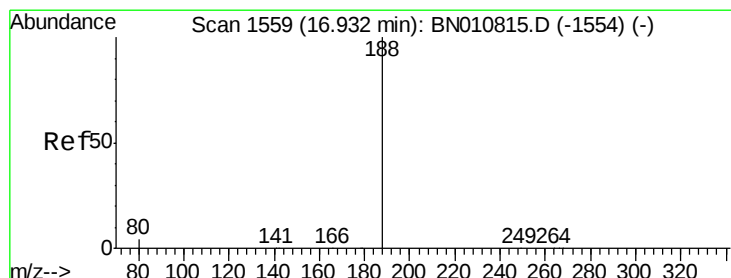
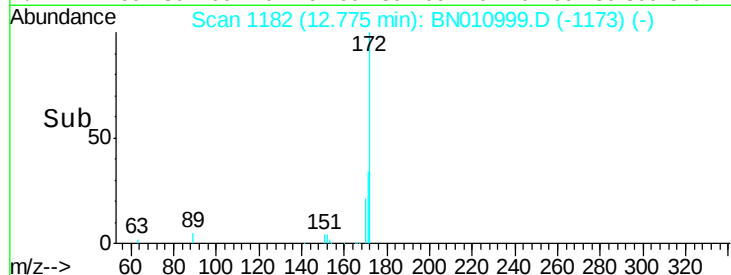
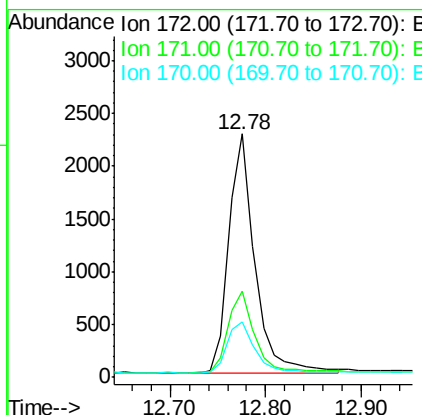
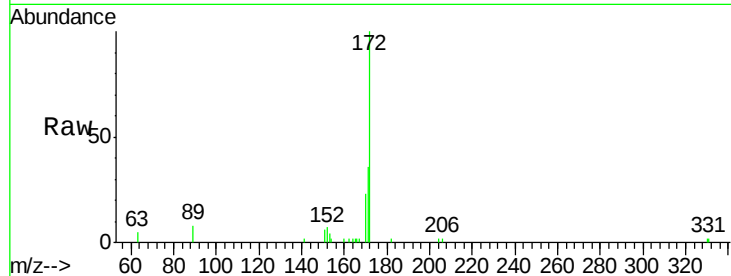




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010999.D
Acq: 20 Jun 2020 10:59

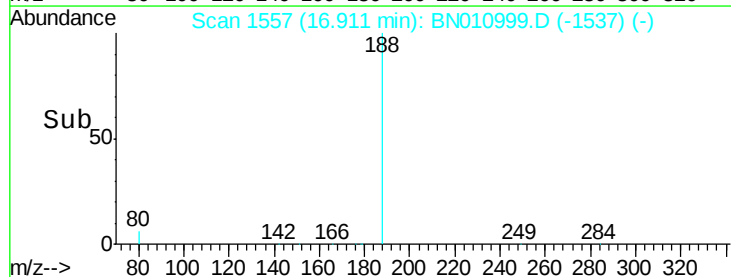
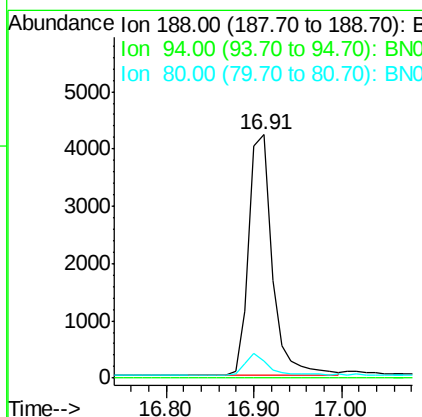
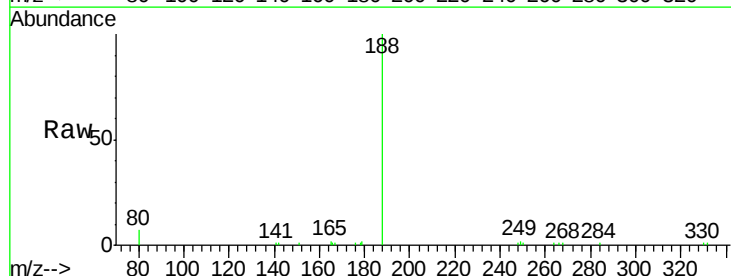
Instrument :
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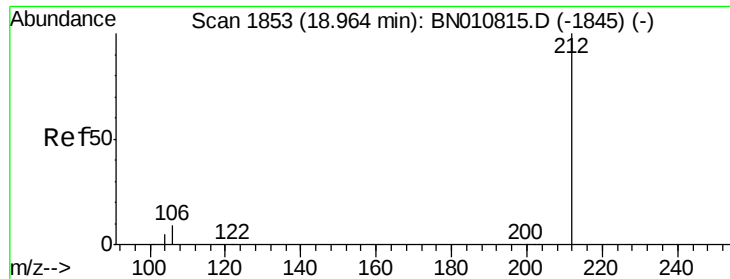
Tot Ion:172 Resp: 4298
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010999.D
Acq: 20 Jun 2020 10:59

Tgt Ion:188 Resp: 7856
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.316 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

MW203D2-20200613

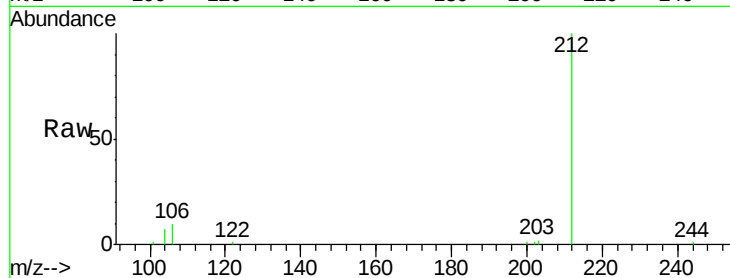
Tot Ion:212 Resp: 6844

Ion Ratio Lower Upper

212 100

106 9.1 6.6 10.0

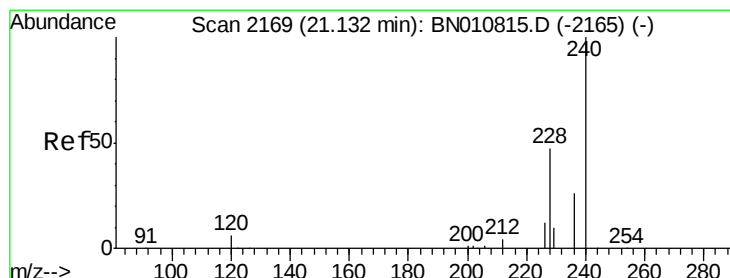
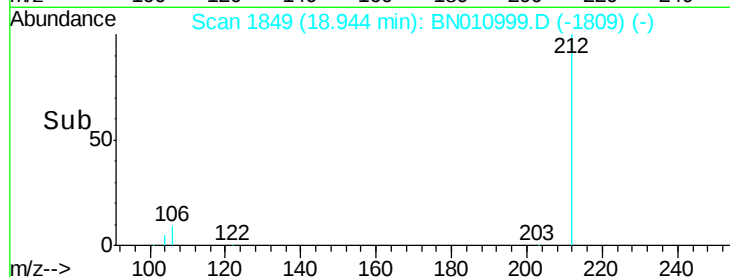
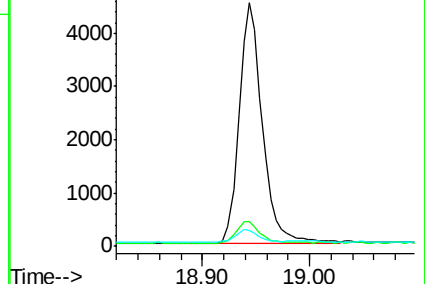
104 5.3 4.0 6.0



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# 2167

Delta R.T. -0.01 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

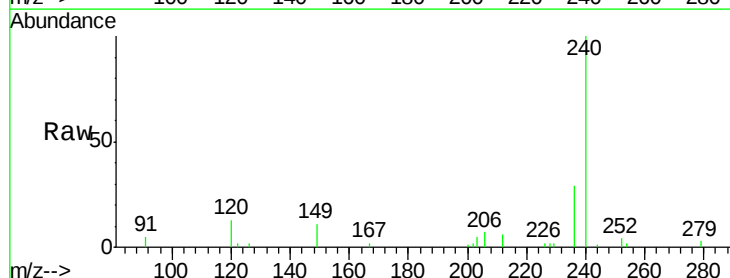
Tgt Ion:240 Resp: 7597

Ion Ratio Lower Upper

240 100

120 13.0 7.5 11.3#

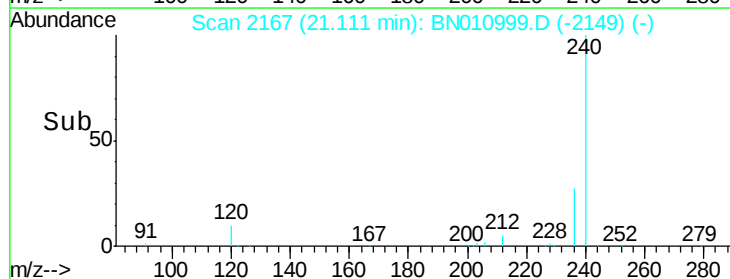
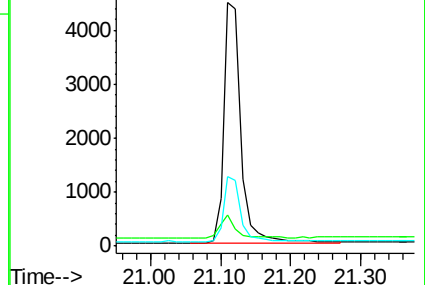
236 28.6 22.3 33.5

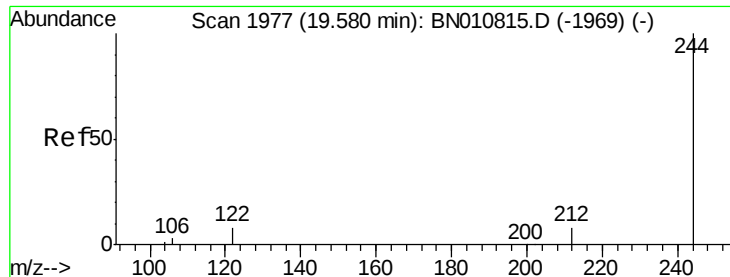


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

MW203D2-20200613

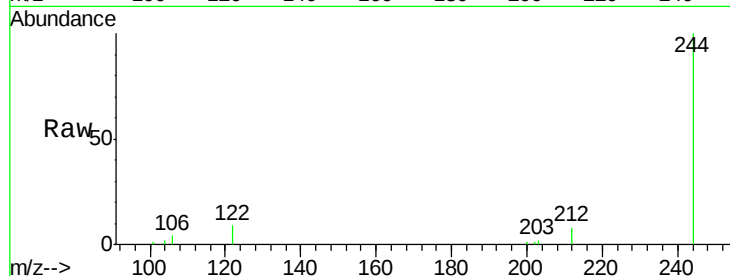
Tot Ion:244 Resp: 8799

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

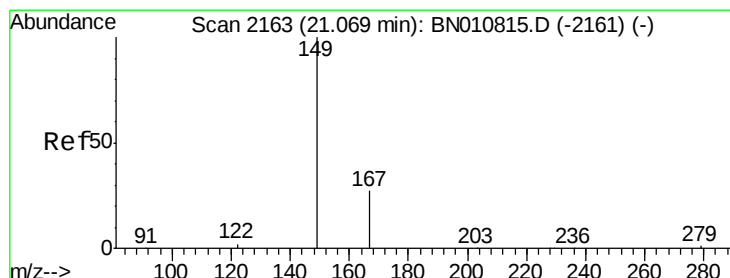
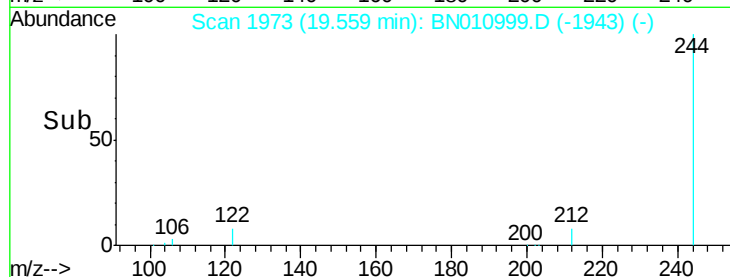
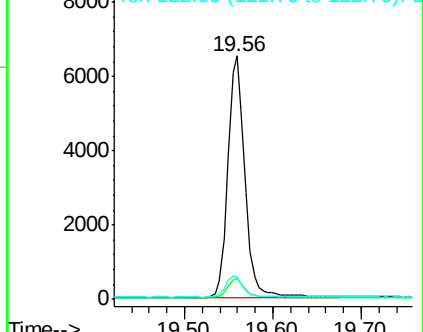
122 9.0 7.5 11.3



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: 0.110 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

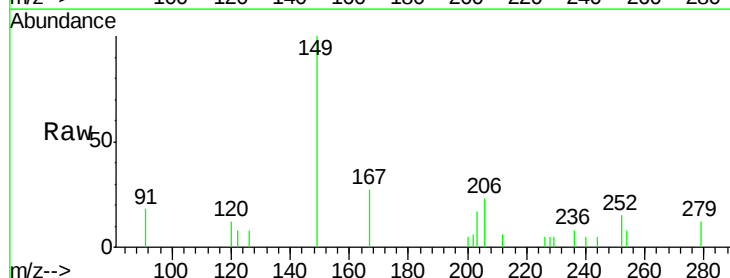
Tgt Ion:149 Resp: 817

Ion Ratio Lower Upper

149 100

167 30.7 24.1 36.1

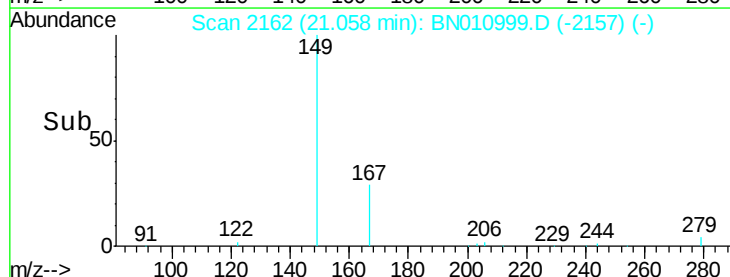
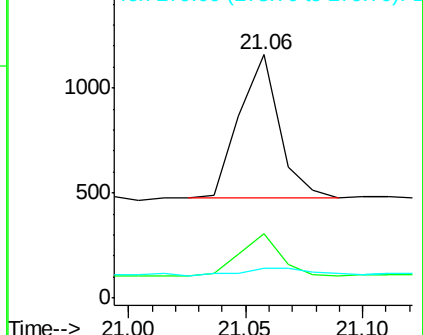
279 8.7 4.6 7.0#

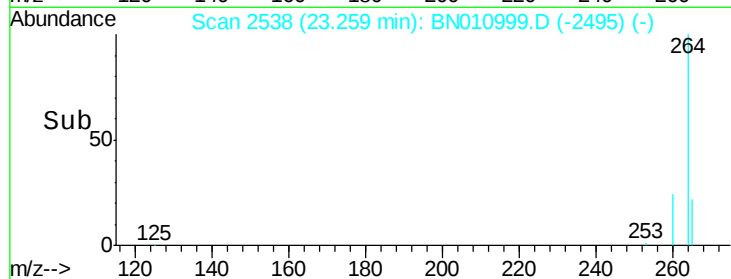
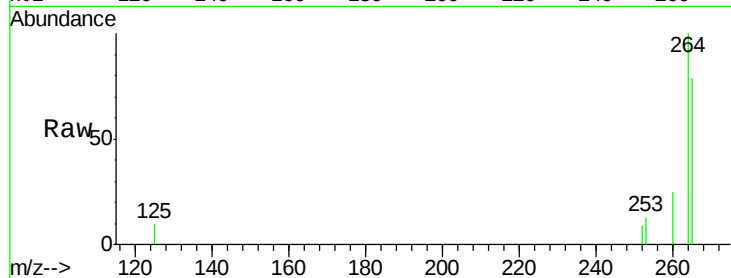


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010999.D

Acq: 20 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

MW203D2-20200613

Tot Ion: 264 Resp: 7940

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 79.2 75.0 112.4

