

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010995.D
 Acq On : 20 Jun 2020 08:35
 Operator : CG/JU
 Sample : L3043-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20200613

Quant Time: Jun 22 00:30:07 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

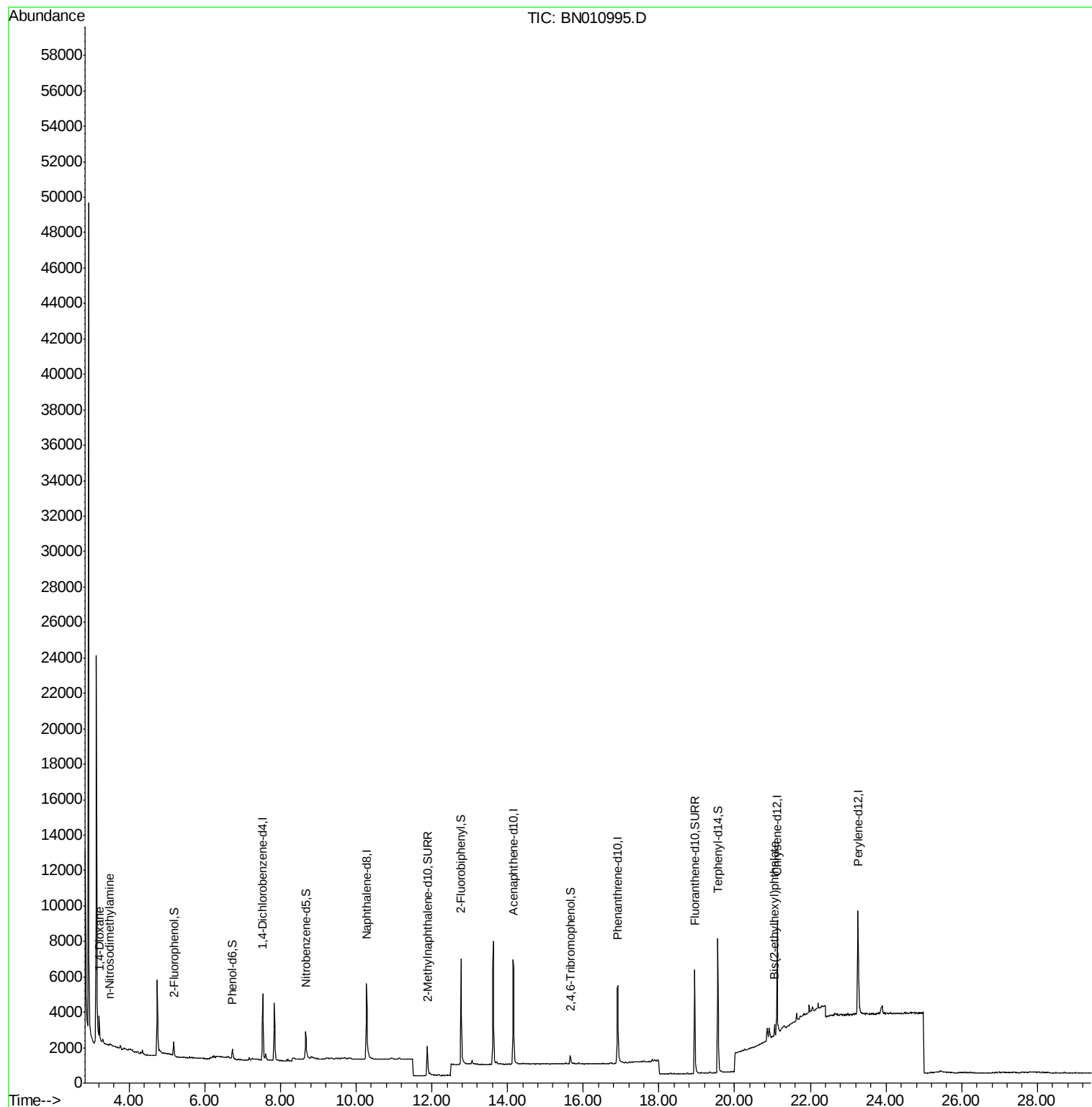
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2036	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6982	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3913	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	8226	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7597	0.40	ng	0.00
34) Perylene-d12	23.26	264	8109	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	754	0.19	ng	0.00
5) Phenol-d6	6.73	99	531	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	1951	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	2994	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	476	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6520	0.42	ng	0.00
25) Fluoranthene-d10	18.94	212	7666	0.34	ng	0.00
29) Terphenyl-d14	19.56	244	8478	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	1049	0.526	ng	# 89
3) n-Nitrosodimethylamine	3.49	42	30	0.026	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	552	0.074	ng	# 94

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

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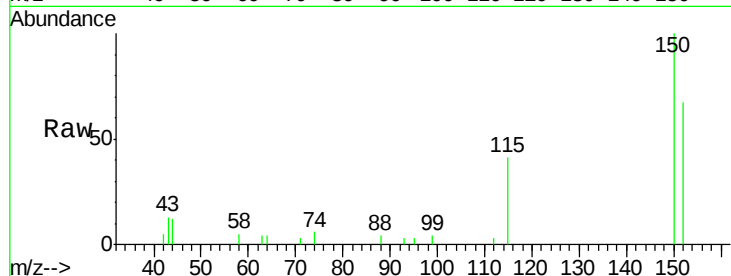


#1

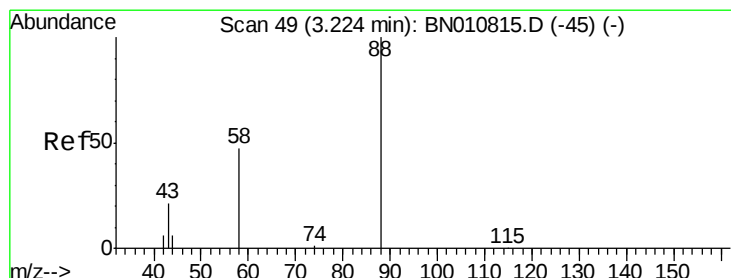
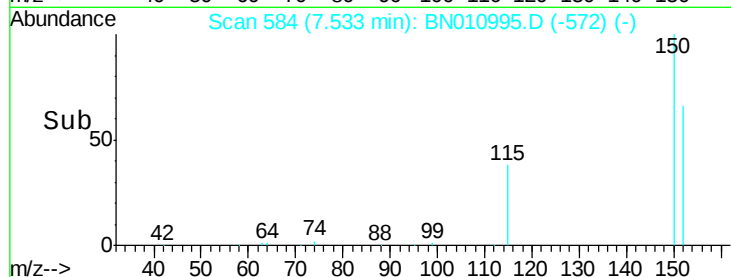
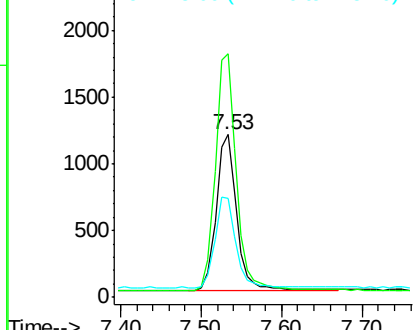
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010995.D
Acq: 20 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
MW202D-20200613

Tot Ion:152 Resp: 2036
Ion Ratio Lower Upper
152 100
150 149.9 123.8 185.6
115 60.8 49.2 73.8



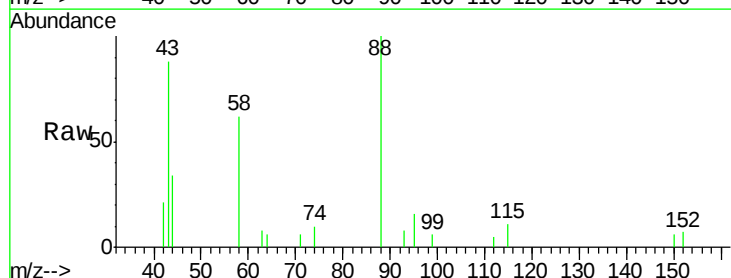
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



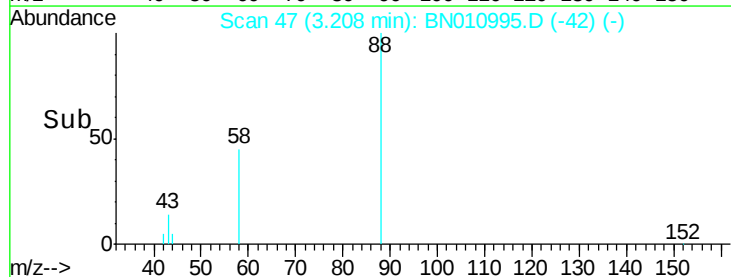
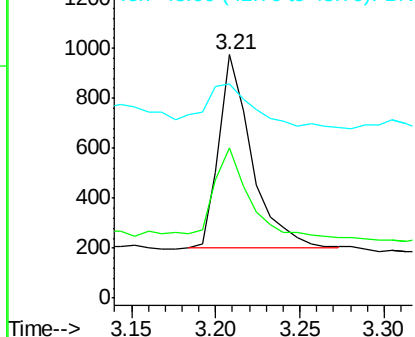
#2

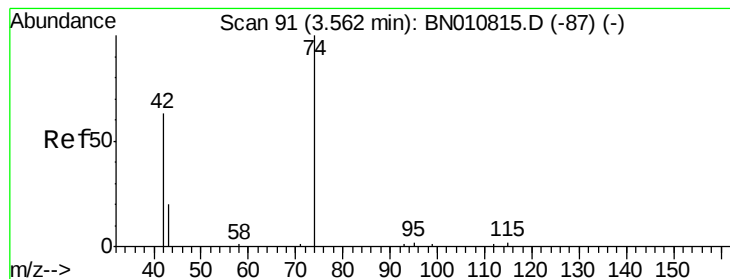
1,4-Dioxane
Concen: 0.526 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010995.D
Acq: 20 Jun 2020 08:35

Tgt Ion: 88 Resp: 1049
Ion Ratio Lower Upper
88 100
58 48.7 38.2 57.4
43 34.4 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: 3.49 min Scan# 82

Delta R.T. -0.03 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

Instrument :

BNA_N

ClientSampleId :

MW202D-20200613

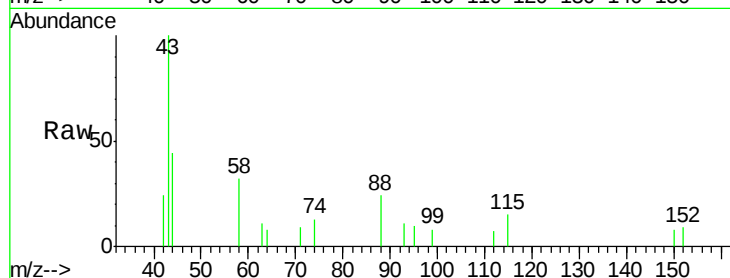
Tot Ion: 42 Resp: 30

Ion Ratio Lower Upper

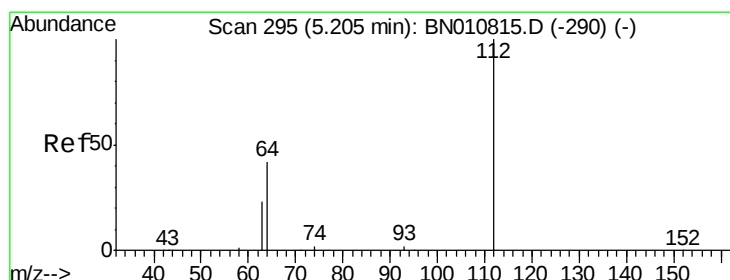
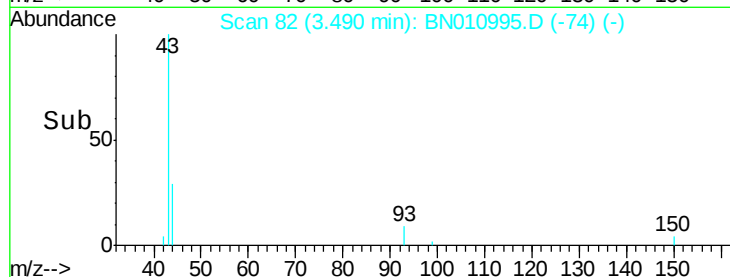
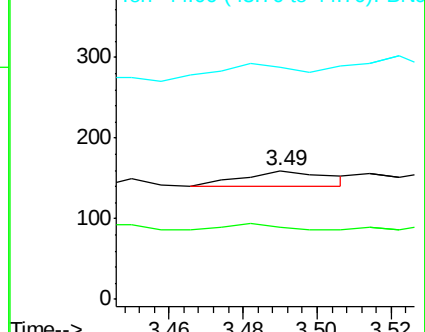
42 100

74 30.0 140.7 211.1#

44 120.0 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: 0.192 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

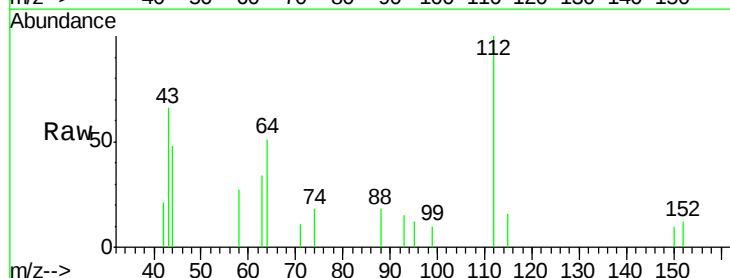
Tgt Ion: 112 Resp: 754

Ion Ratio Lower Upper

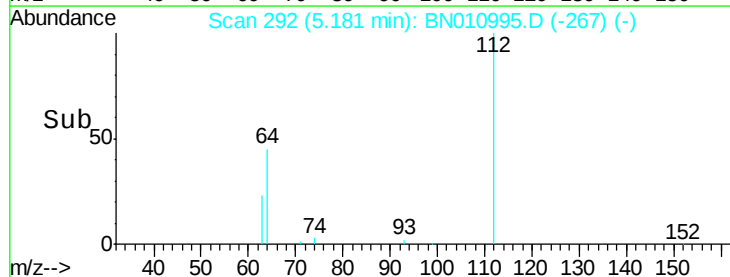
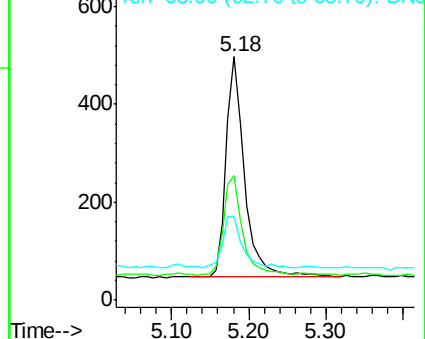
112 100

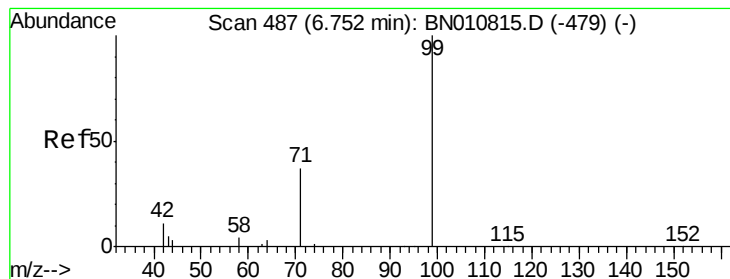
64 46.4 37.4 56.0

63 25.1 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: 0.115 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

Instrument :

BNA_N

ClientSampleId :

MW202D-20200613

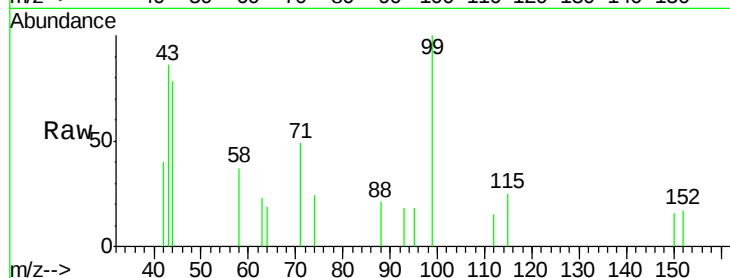
Tot Ion: 99 Resp: 531

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

71 39.5 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) (-)

6.73

400

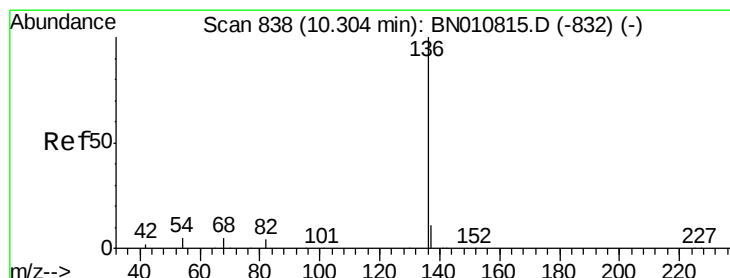
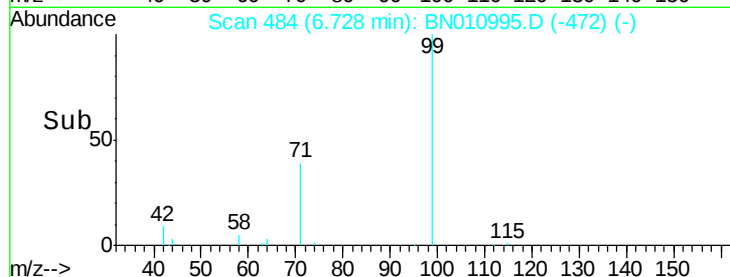
300

200

100

0

Time--> 6.60 6.70 6.80



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

Tgt Ion: 136 Resp: 6982

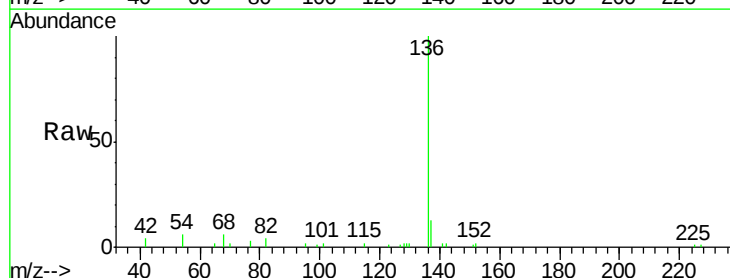
Ion Ratio Lower Upper

136 100

137 12.9 9.7 14.5

54 5.6 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) (-)

10.28

5000

4000

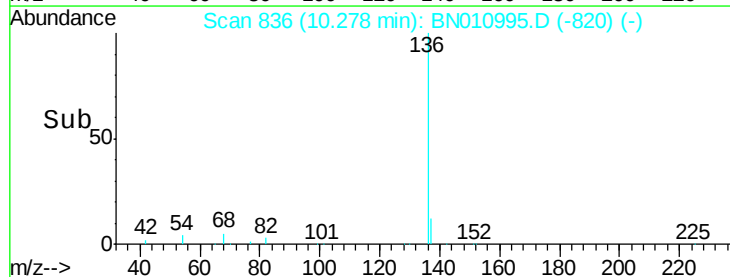
3000

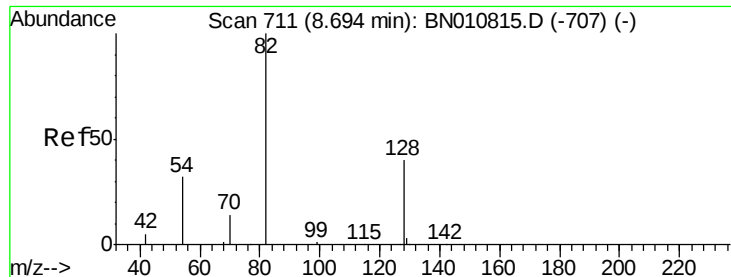
2000

1000

0

Time--> 10.20 10.40

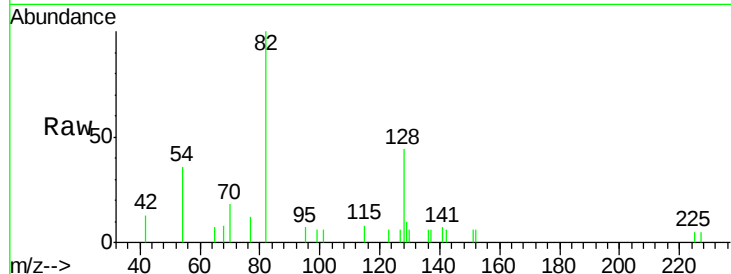




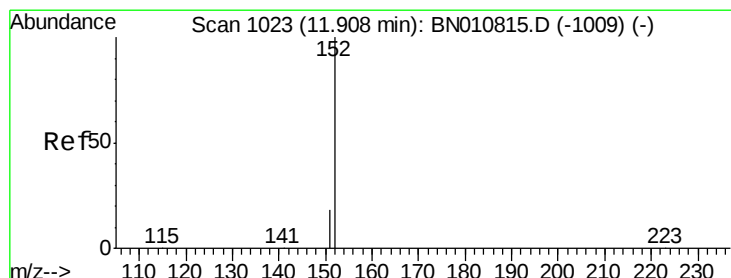
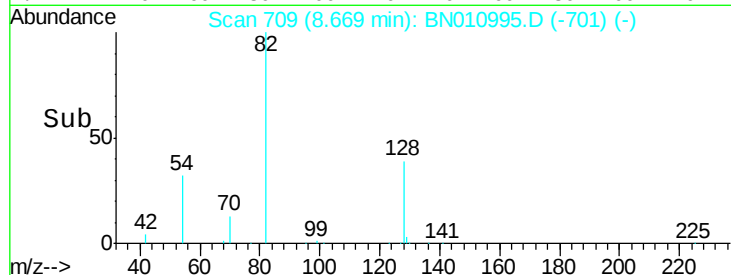
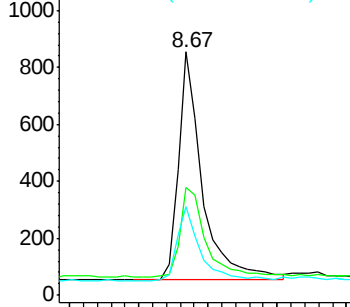
#8
 Nitrobenzene-d5
 Concen: 0.378 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010995.D
 Acq: 20 Jun 2020 08:35

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20200613

Tot Ion	82	Resp	1951
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.4	53.0
54	36.3	28.2	42.4

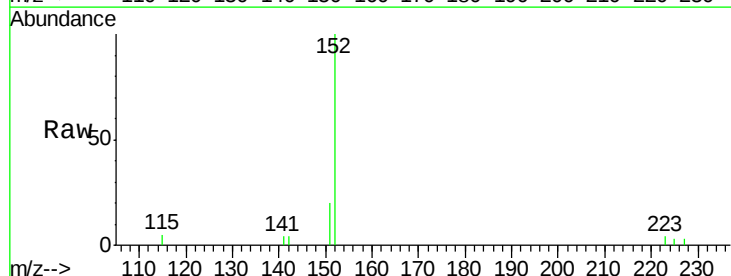


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

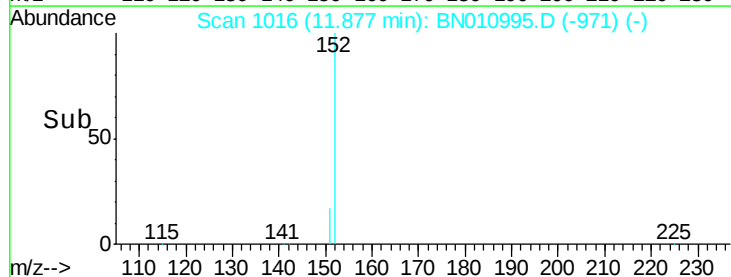
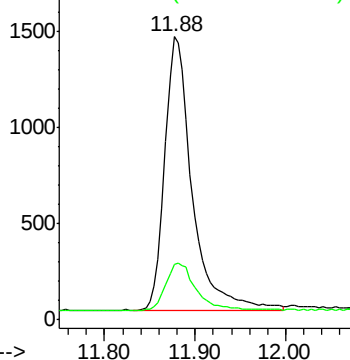


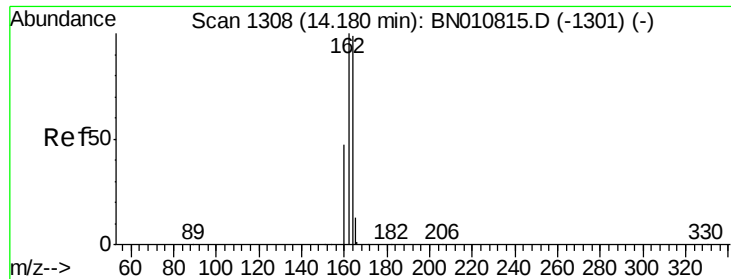
#11
 2-Methylnaphthalene-d10
 Concen: 0.276 ng
 RT: 11.88 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BN010995.D
 Acq: 20 Jun 2020 08:35

Tgt Ion	152	Resp	2994
Ion Ratio	Lower	Upper	
152	100		
151	19.3	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: BN010995.D

Acq: 20 Jun 2020 08:35

Instrument :

BNA_N

ClientSampleId :

MW202D-20200613

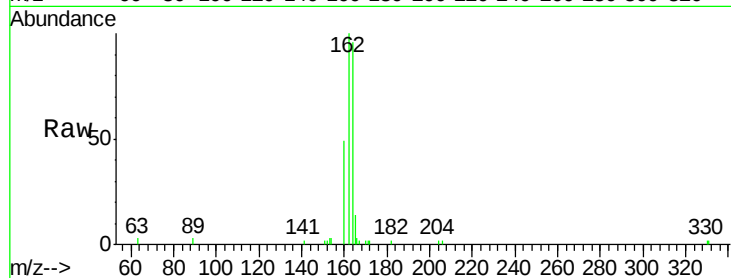
Tot Ion:164 Resp: 3913

Ion Ratio Lower Upper

164 100

162 104.4 81.0 121.6

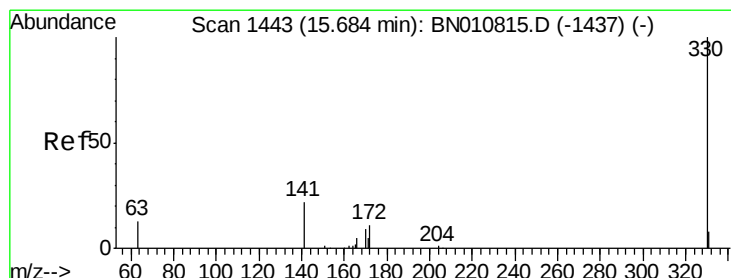
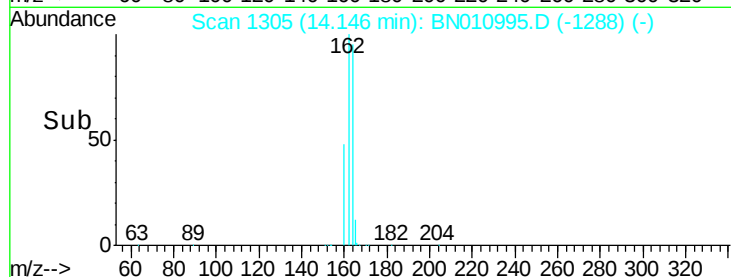
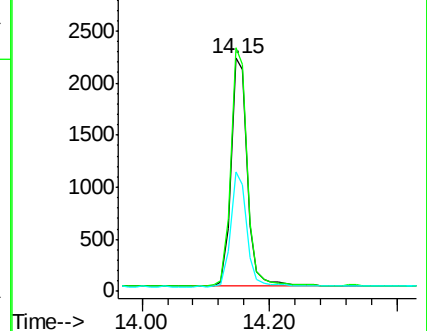
160 51.1 38.9 58.3



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: 0.340 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

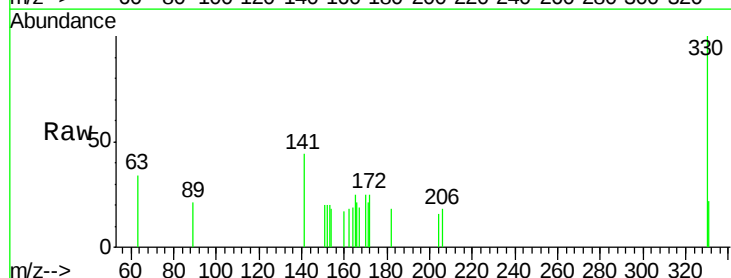
Tgt Ion:330 Resp: 476

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

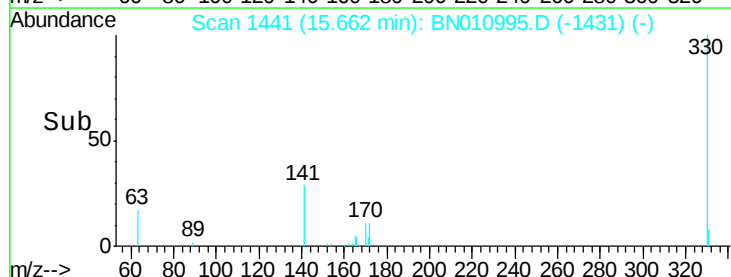
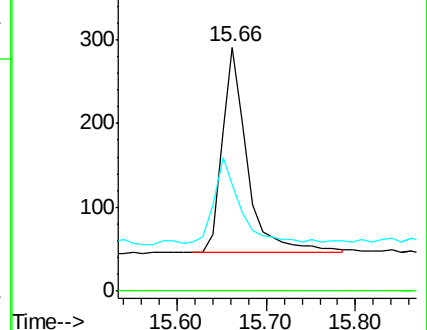
141 43.7 33.2 49.8

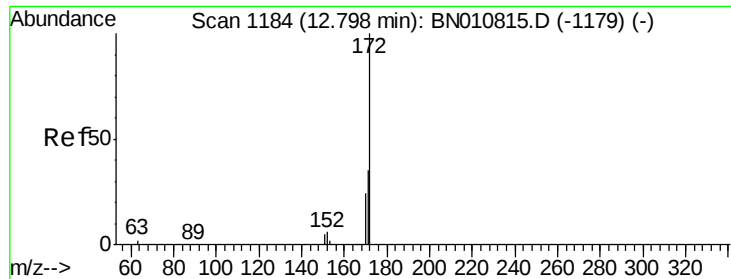


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

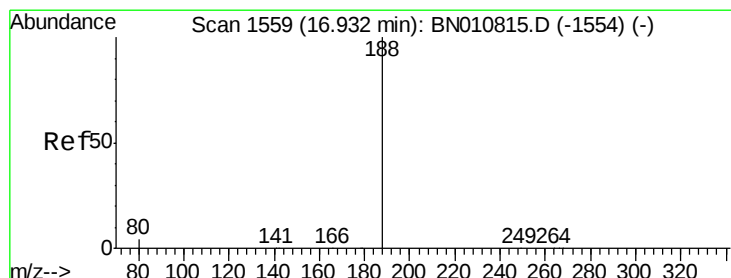
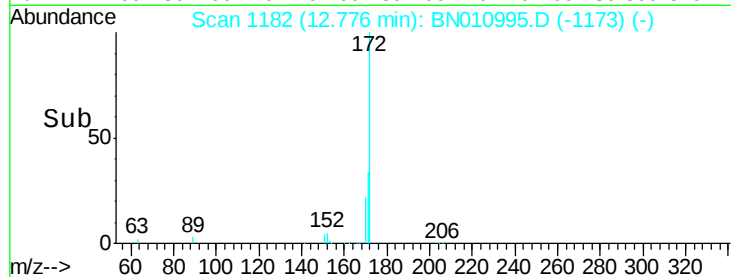
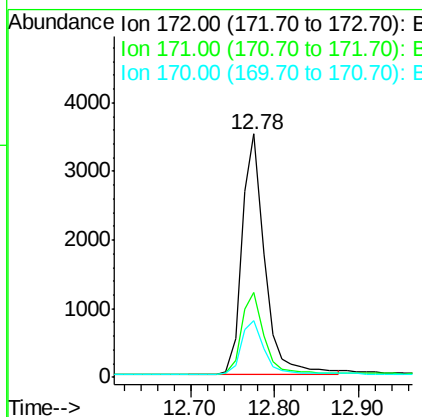
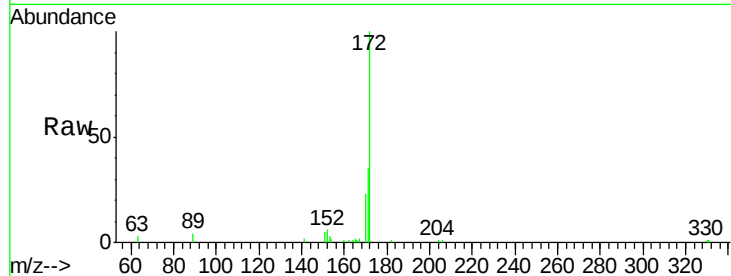




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010995.D
Acq: 20 Jun 2020 08:35

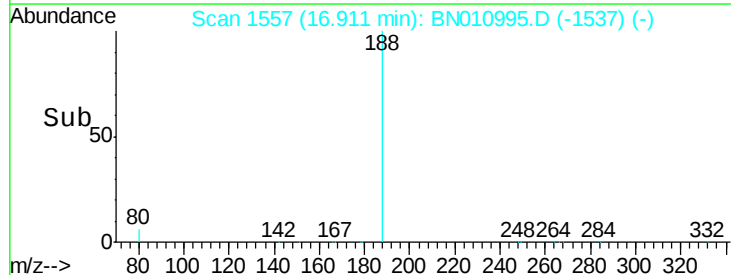
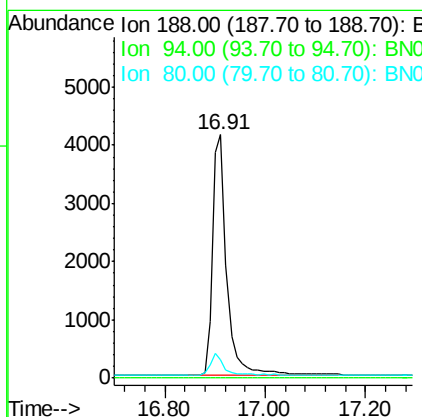
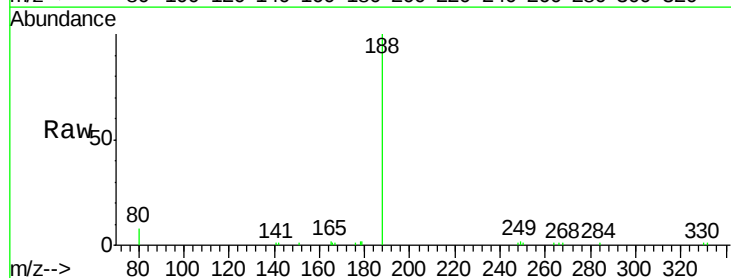
Instrument :
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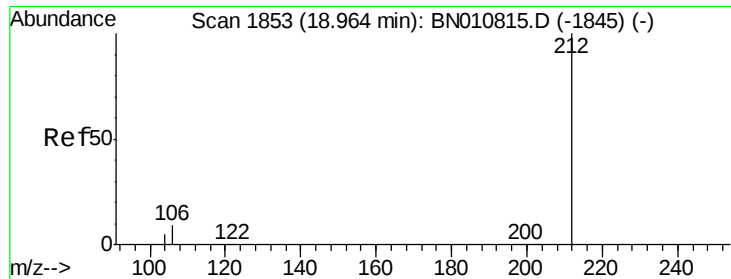
Tot Ion:172 Resp: 6520
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010995.D
Acq: 20 Jun 2020 08:35

Tgt Ion:188 Resp: 8226
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 4.5 6.7#

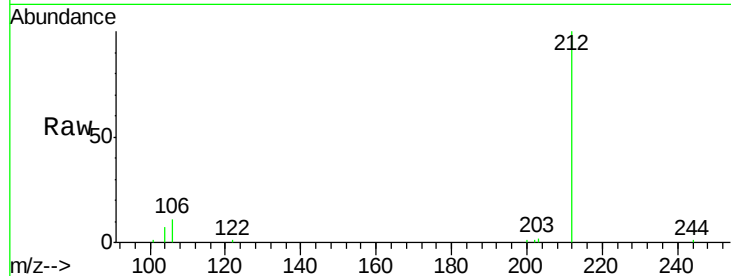




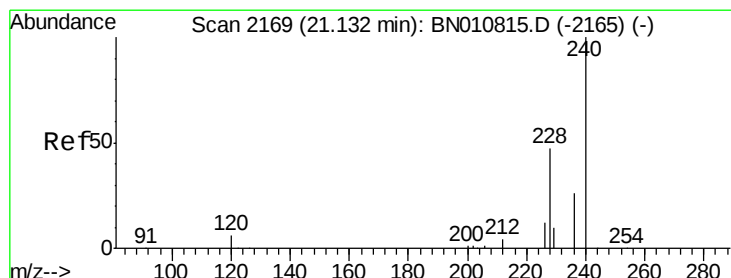
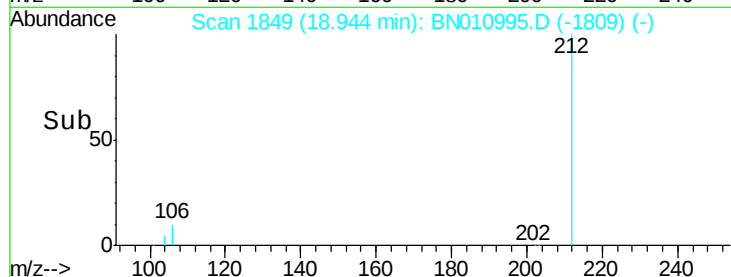
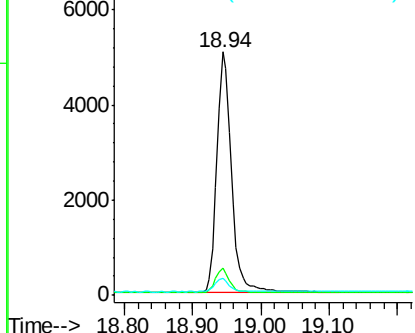
#25
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 18.94 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BN010995.D
 Acq: 20 Jun 2020 08:35

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20200613

Tot Ion:212 Resp: 7666
 Ion Ratio Lower Upper
 212 100
 106 9.6 6.6 10.0
 104 5.5 4.0 6.0

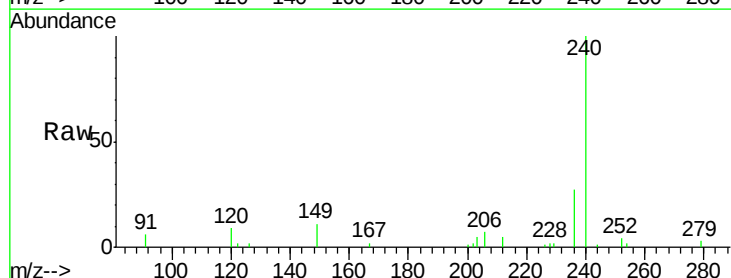


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

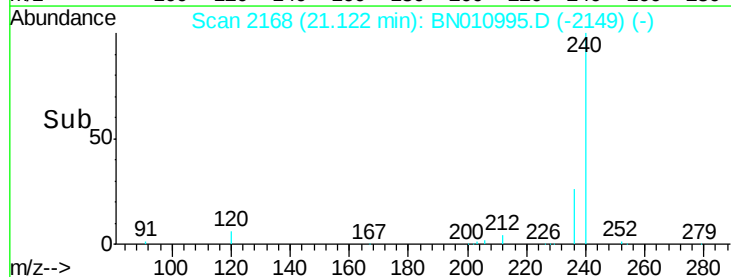
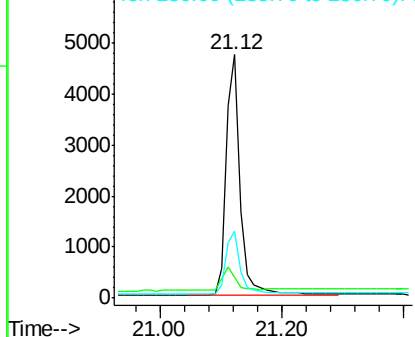


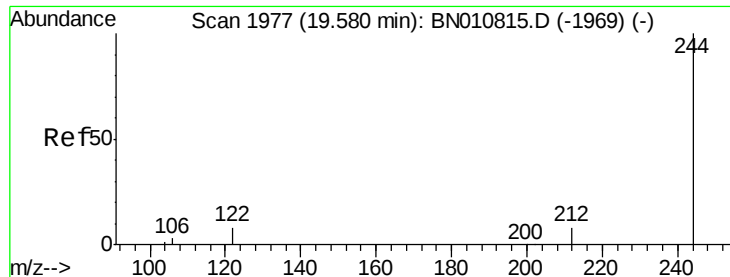
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BN010995.D
 Acq: 20 Jun 2020 08:35

Tgt Ion:240 Resp: 7597
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.5 11.3
 236 27.3 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: 0.477 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

Instrument :

BNA_N

ClientSampleId :

MW202D-20200613

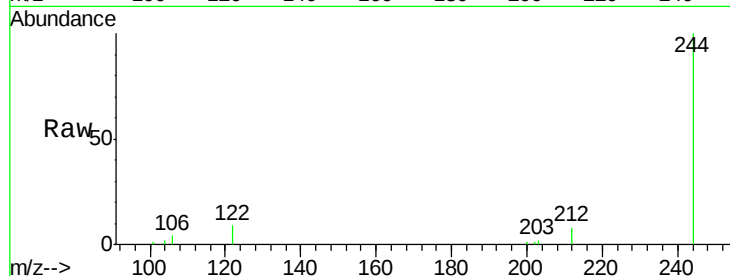
Tot Ion:244 Resp: 8478

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

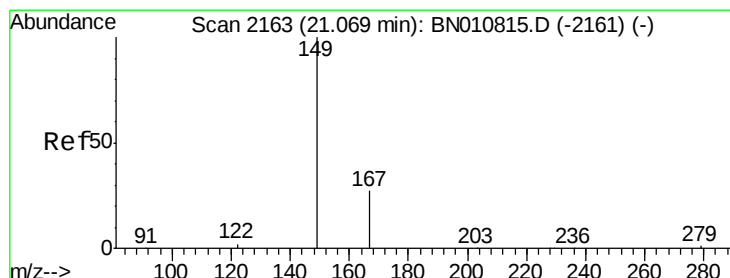
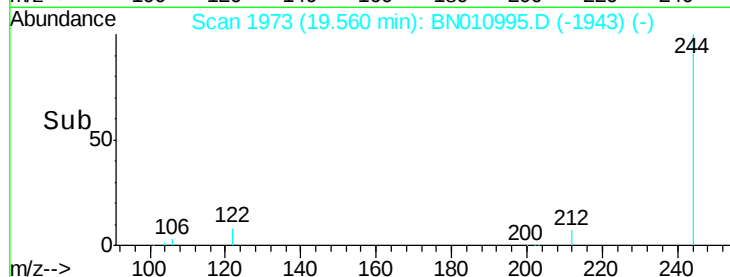
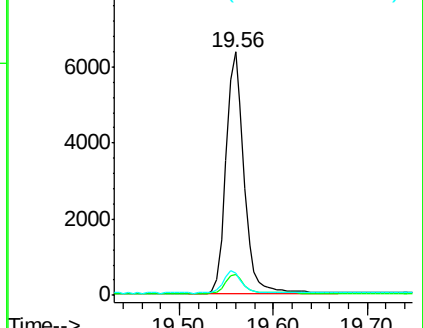
122 9.1 7.5 11.3



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: 0.074 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010995.D

Acq: 20 Jun 2020 08:35

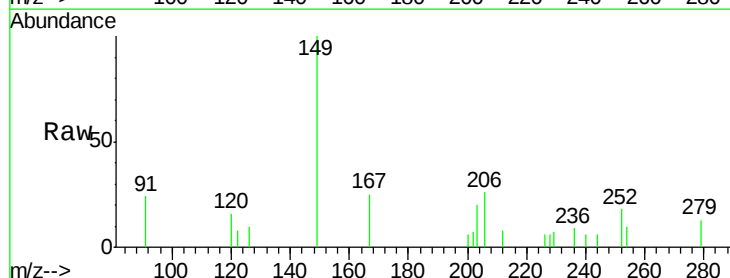
Tgt Ion:149 Resp: 552

Ion Ratio Lower Upper

149 100

167 26.8 24.1 36.1

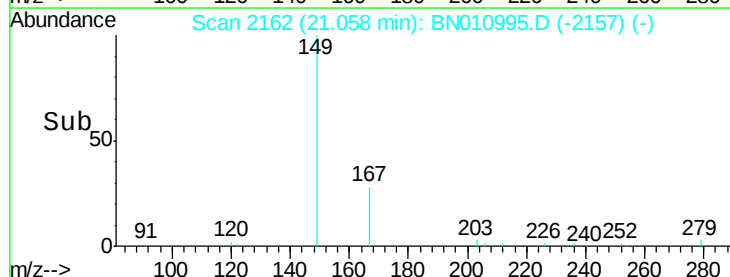
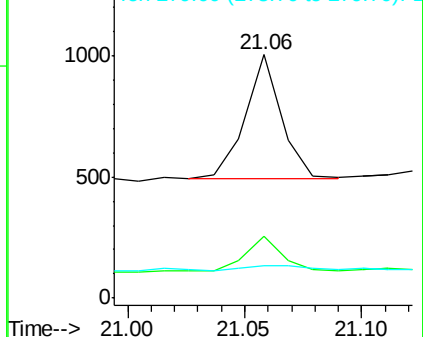
279 7.1 4.6 7.0#

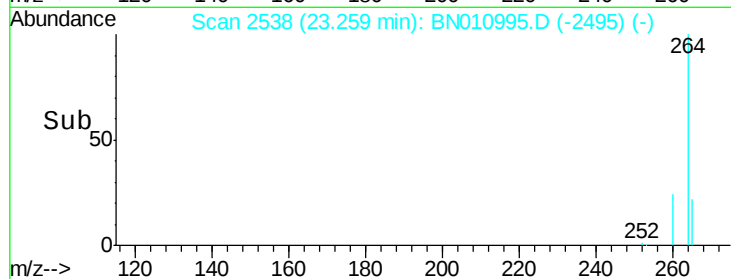
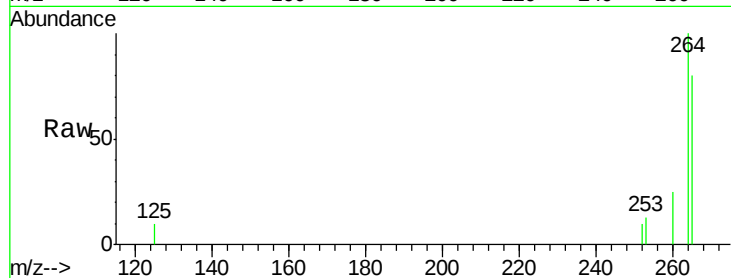


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN010995.D

Acq: 20 Jun 2020 08:35

Instrument :

BNA_N

ClientSampleId :

MW202D-20200613

Tot Ion: 264 Resp: 8109

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 80.1 75.0 112.4

