

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011022.D
 Acq On : 23 Jun 2020 04:40
 Operator : CG/JU
 Sample : L3043-16DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200613DL

Quant Time: Jun 23 05:35:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

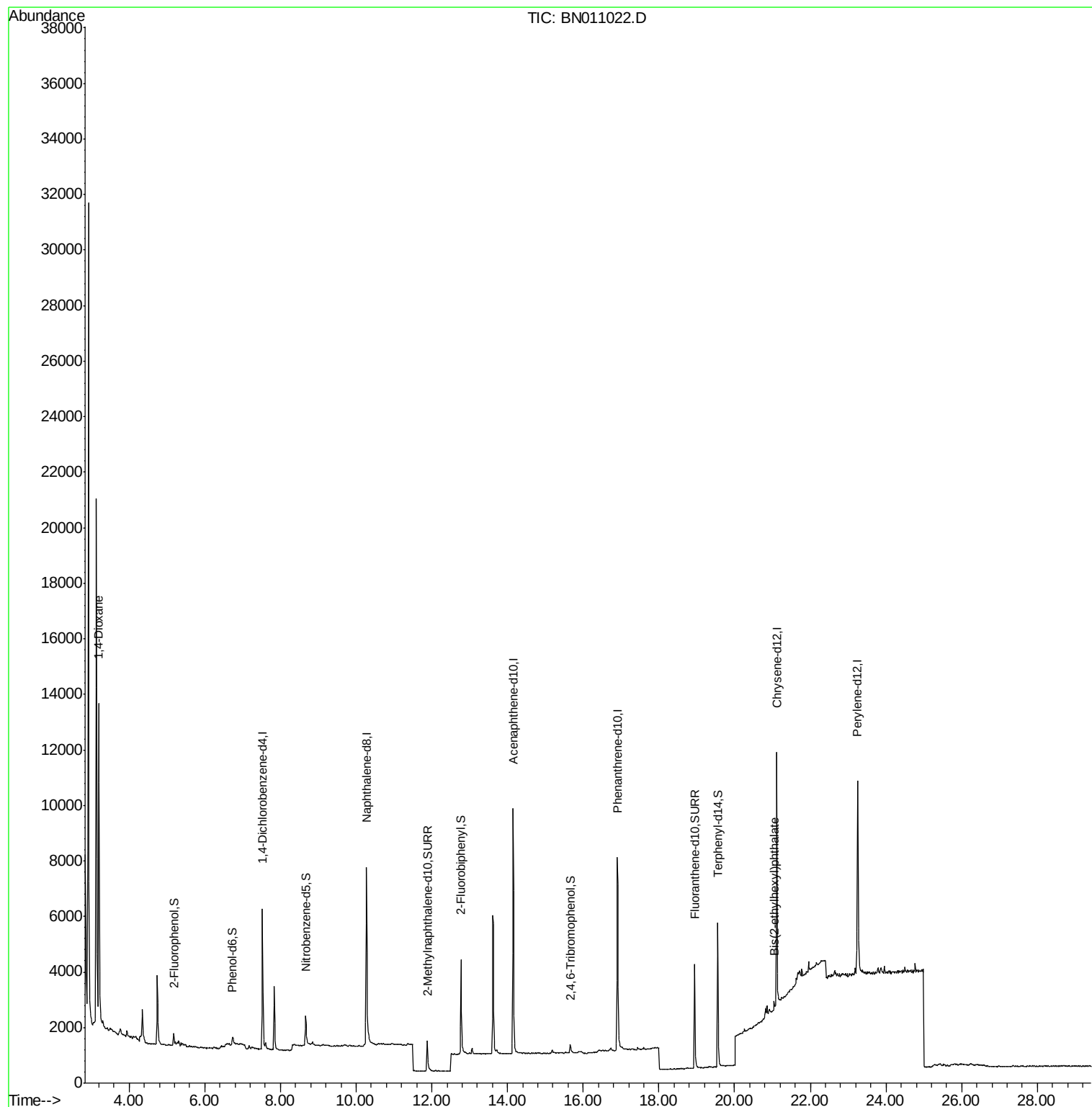
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2670	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	10517	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5269	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	12270	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	9478	0.40	ng	-0.01
34) Perylene-d12	23.25	264	9793	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	454	0.09	ng	0.00
5) Phenol-d6	6.73	99	363	0.06	ng	0.00
8) Nitrobenzene-d5	8.67	82	1382	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	2052	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	314	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	4053	0.19	ng	0.00
25) Fluoranthene-d10	18.94	212	5129	0.15	ng	0.00
29) Terphenyl-d14	19.55	244	5794	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	8942	3.419	ng	99
32) Bis(2-ethylhexyl)phthalate	21.05	149	373	0.040	ng	# 92

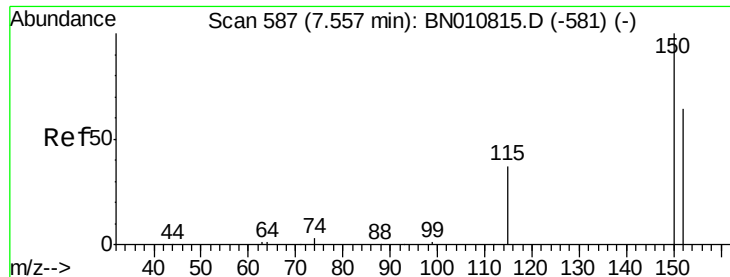
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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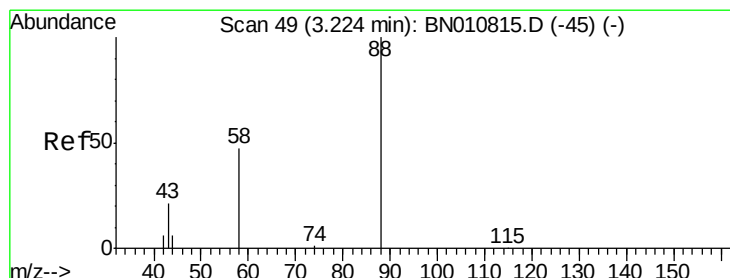
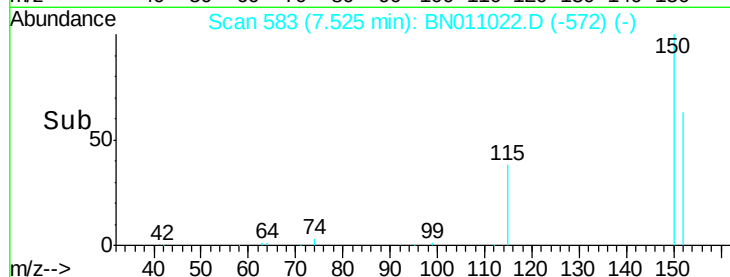
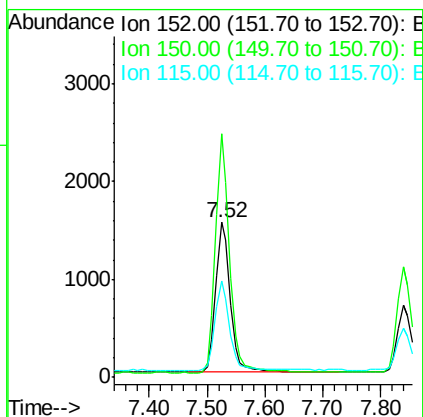
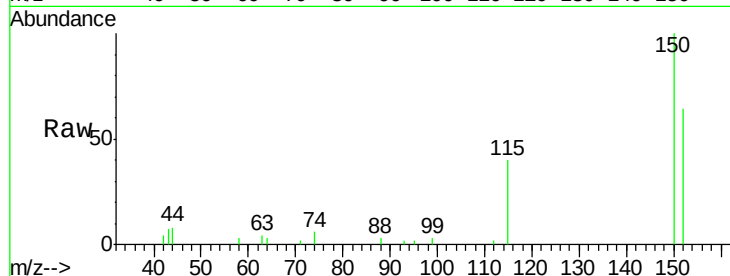


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011022.D
Acq: 23 Jun 2020 04:40

Instrument :
BNA_N
ClientSampleId :
MW201D-20200613DL

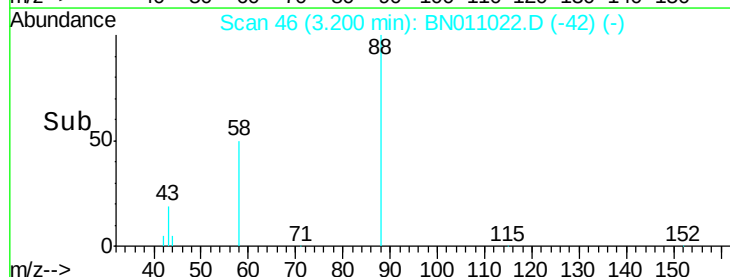
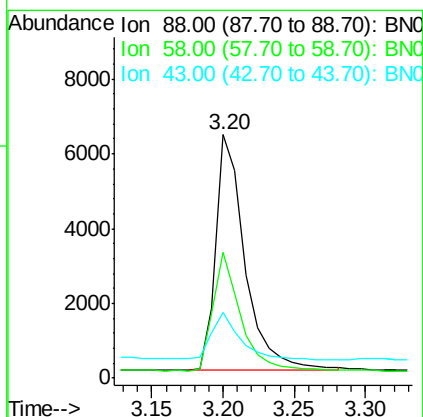
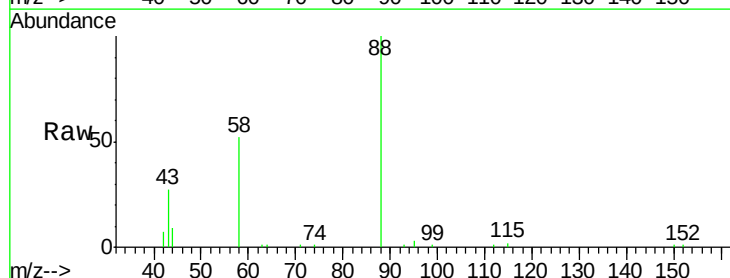
Tot Ion:152 Resp: 2670
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 62.4 49.2 73.8

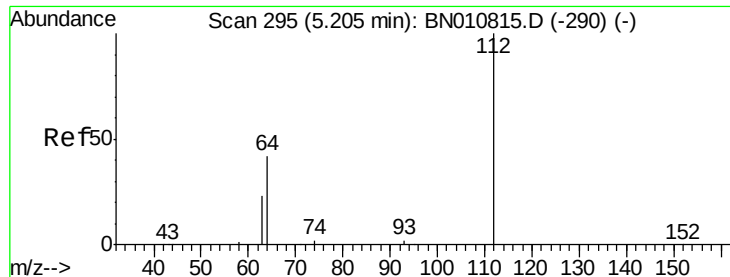


#2

1,4-Dioxane
Concen: 3.419 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN011022.D
Acq: 23 Jun 2020 04:40

Tgt Ion: 88 Resp: 8942
Ion Ratio Lower Upper
88 100
58 47.7 38.2 57.4
43 20.4 15.1 22.7





#4

2-Fluorophenol

Concen: 0.088 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA_N

ClientSampleId :

MW201D-20200613DL

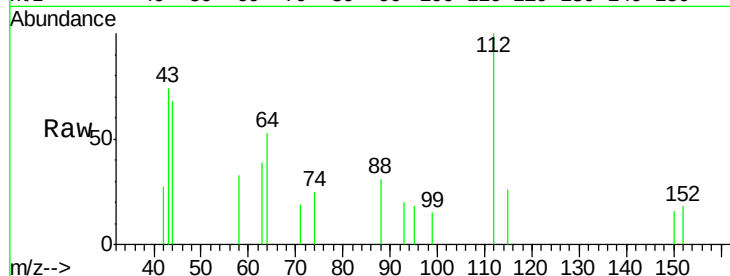
Tot Ion: 112 Resp: 454

Ion Ratio Lower Upper

112 100

64 49.1 37.4 56.0

63 28.2 22.2 33.4

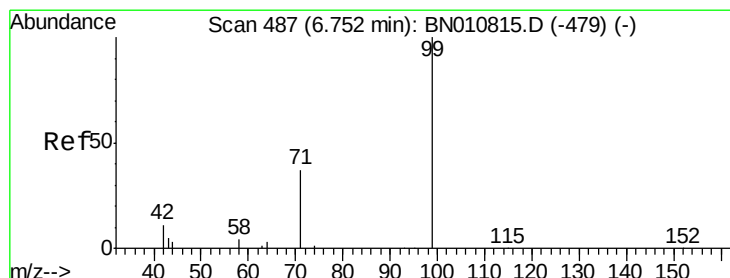
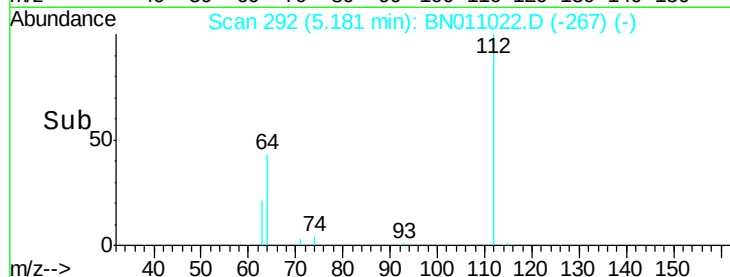
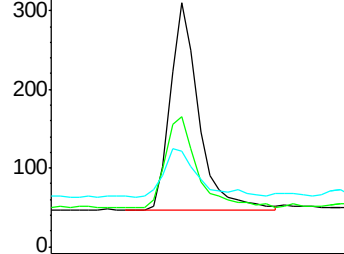


Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.18



#5

Phenol-d6

Concen: 0.060 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

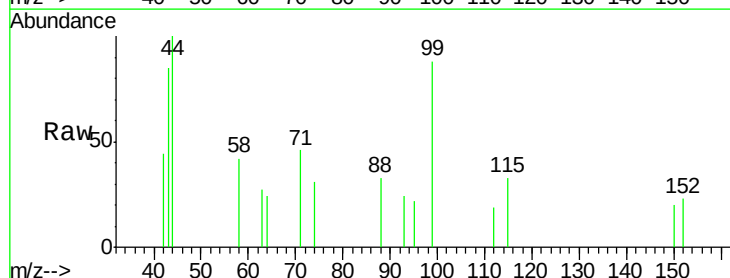
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

71 41.0 31.4 47.2

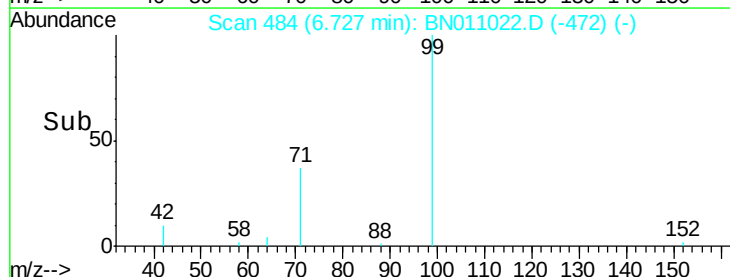
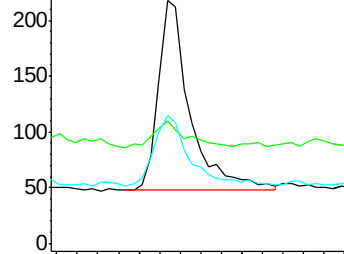


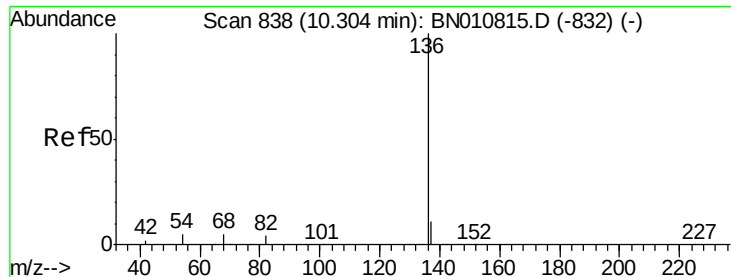
Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.73





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA_N

ClientSampleId :

MW201D-20200613DL

Tot Ion:136 Resp: 10517

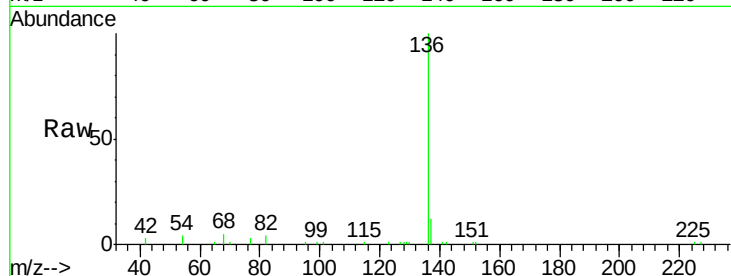
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.3 4.9 7.3#

68 4.9 4.7 7.1

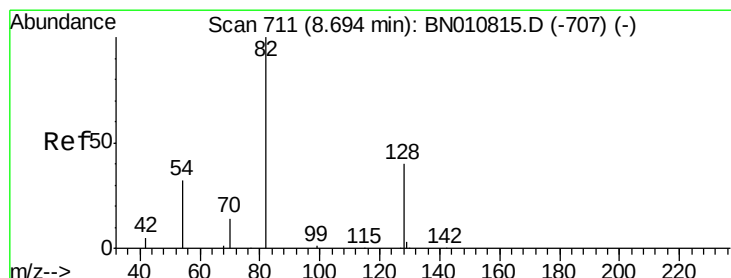
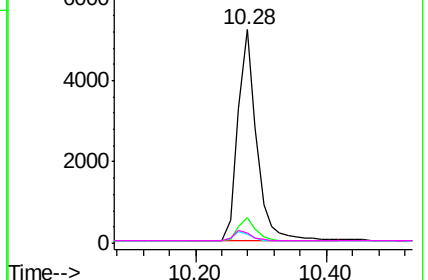
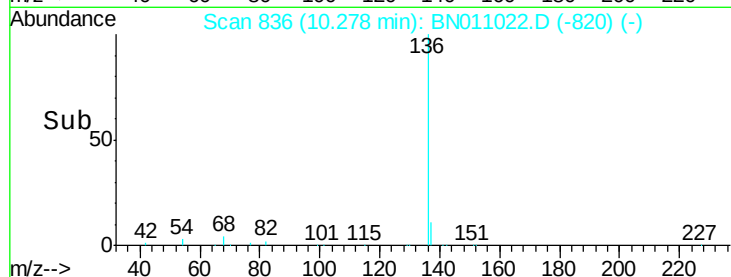


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.178 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

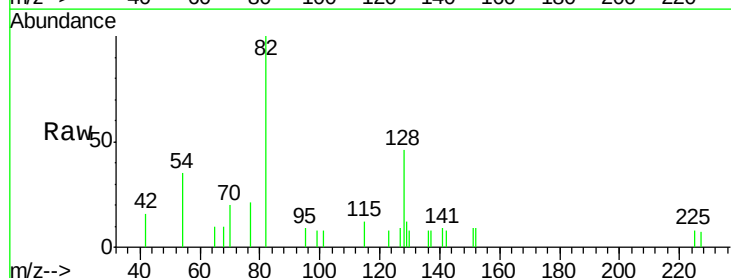
Tgt Ion: 82 Resp: 1382

Ion Ratio Lower Upper

82 100

128 46.2 35.4 53.0

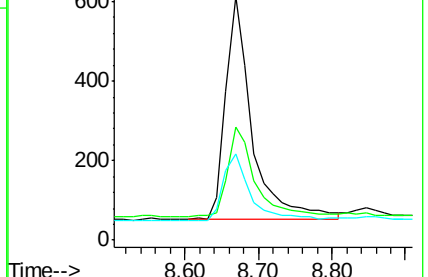
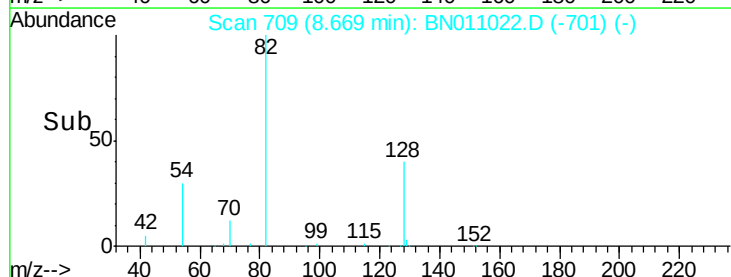
54 35.3 28.2 42.4

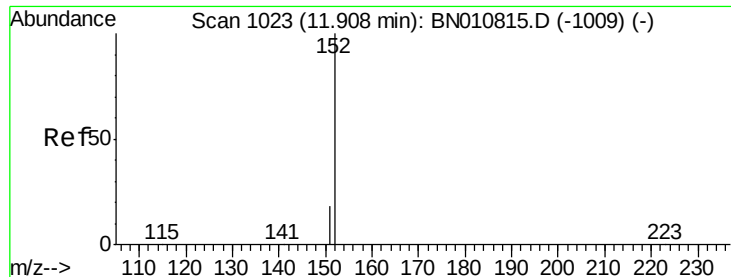


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

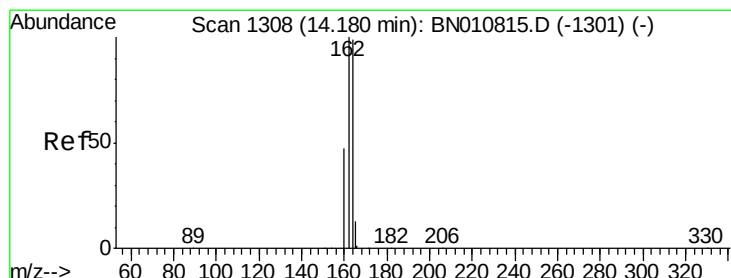
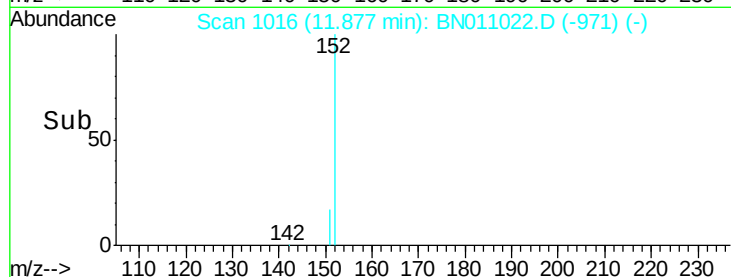
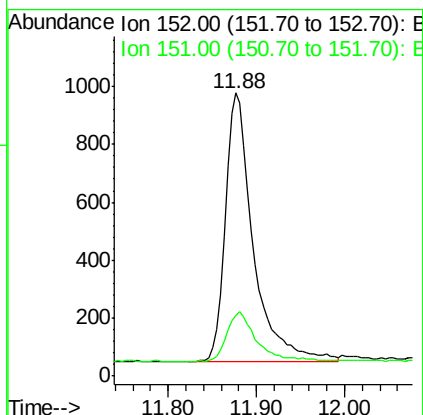
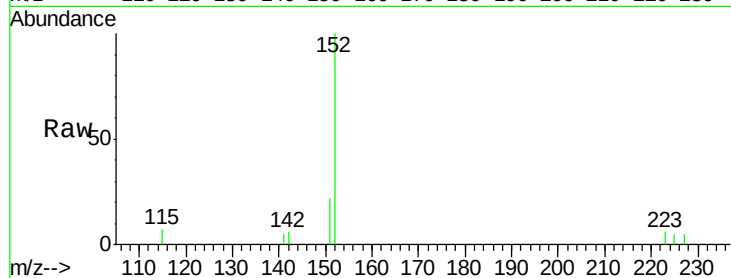




#11
2-Methylnaphthalene-d10
Concen: 0.126 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BN011022.D
Acq: 23 Jun 2020 04:40

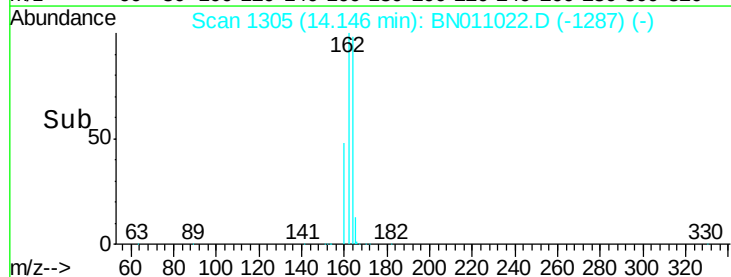
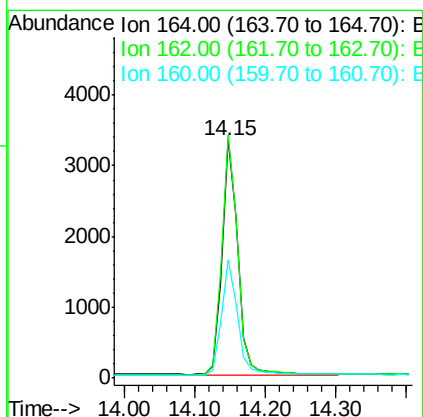
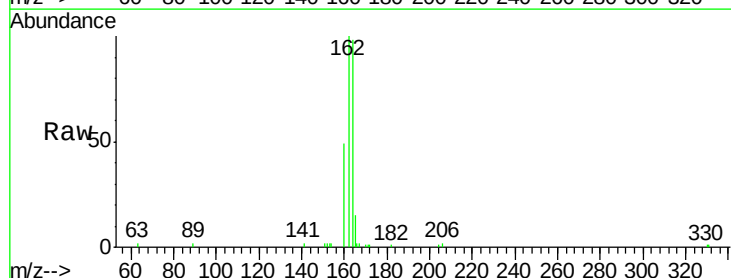
Instrument :
BNA_N
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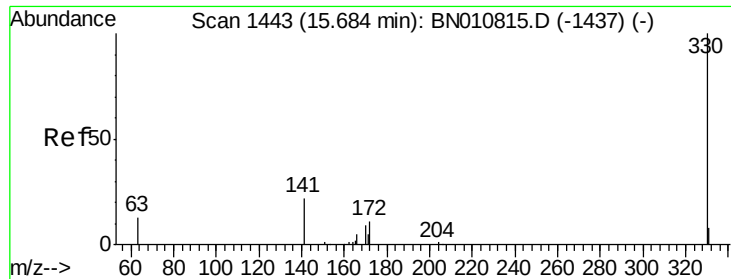
Tot Ion:152 Resp: 2052
Ion Ratio Lower Upper
152 100
151 20.5 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN011022.D
Acq: 23 Jun 2020 04:40

Tgt Ion:164 Resp: 5269
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.6
160 49.7 38.9 58.3

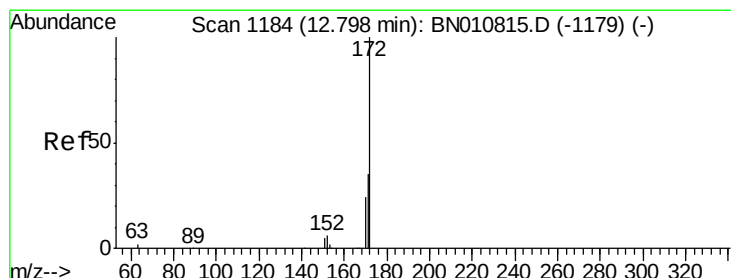
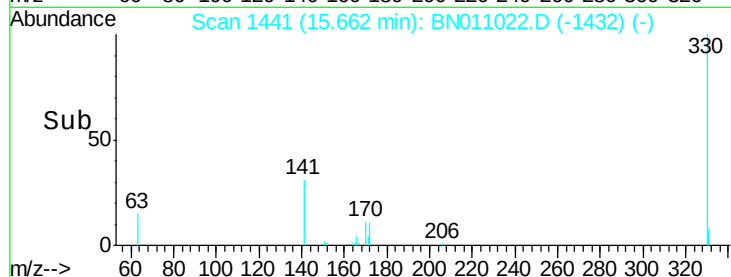
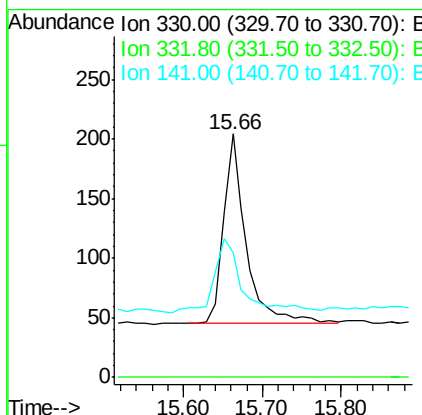
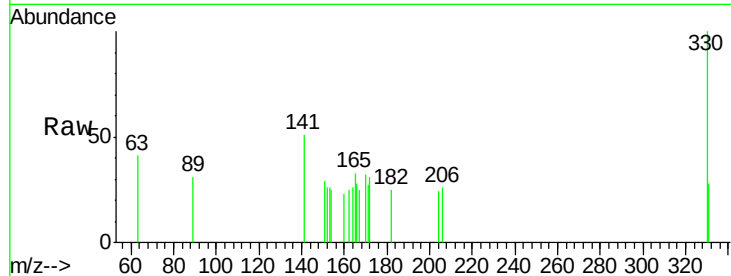




#14
 2,4,6-Tribromophenol
 Concen: 0.167 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BN011022.D
 Acq: 23 Jun 2020 04:40

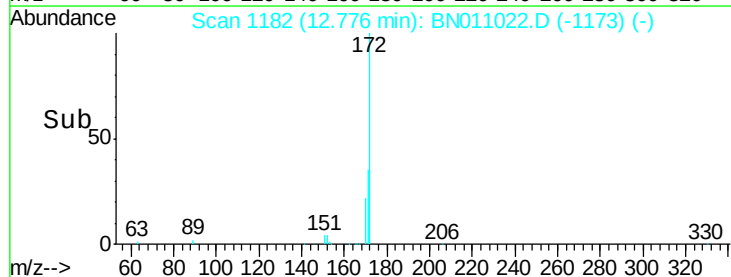
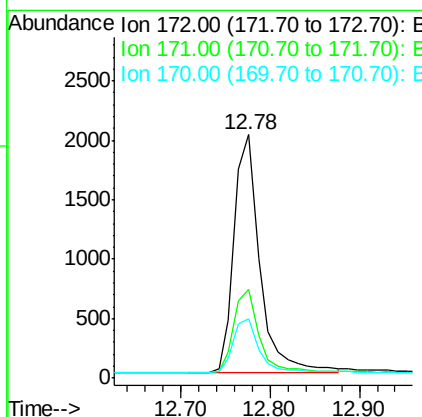
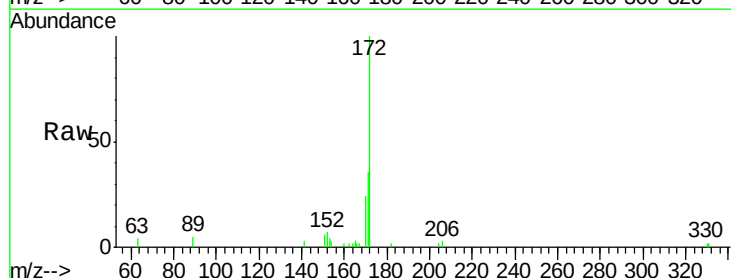
Instrument :
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 ClientSampleId :
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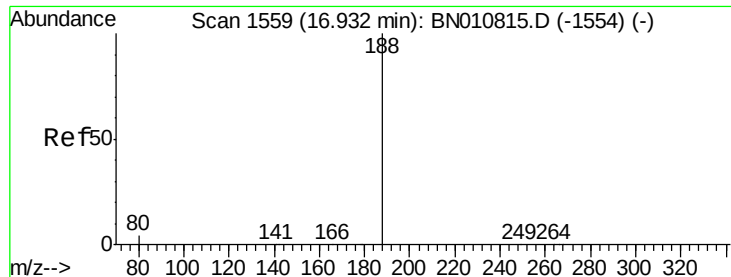
Tot Ion:330 Resp: 314
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 50.6 33.2 49.8#



#15
 2-Fluorobiphenyl
 Concen: 0.195 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BN011022.D
 Acq: 23 Jun 2020 04:40

Tgt Ion:172 Resp: 4053
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 24.1 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

Instrument :

BNA_N

ClientSampleId :

MW201D-20200613DL

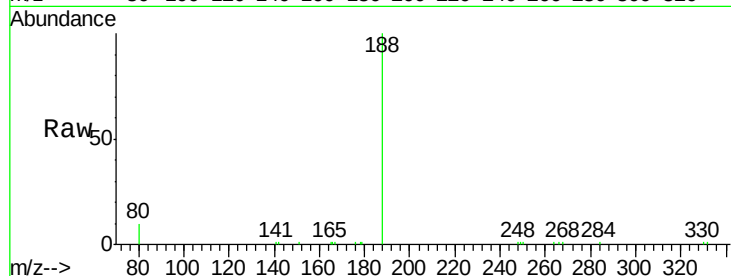
Tot Ion:188 Resp: 12270

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

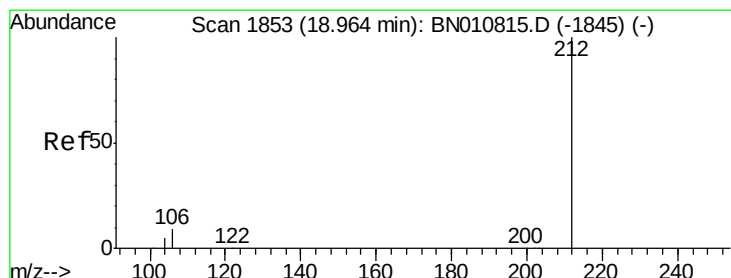
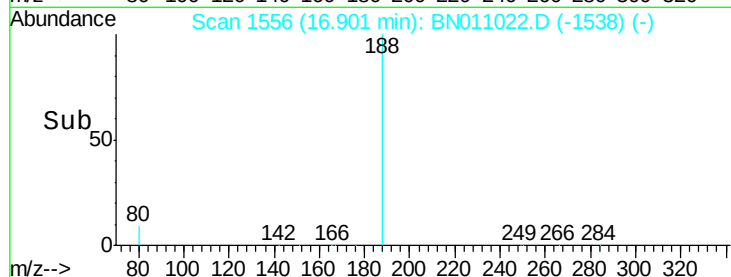
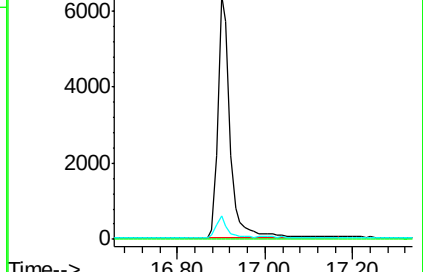
80 9.6 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.151 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011022.D

Acq: 23 Jun 2020 04:40

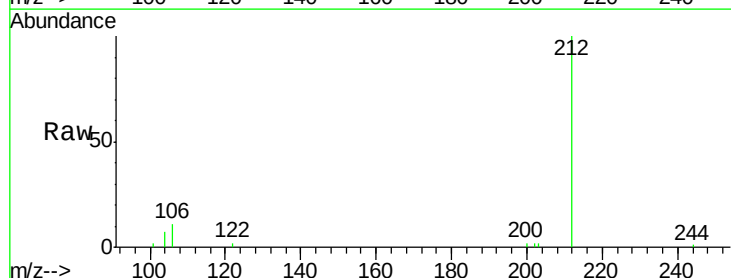
Tgt Ion:212 Resp: 5129

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

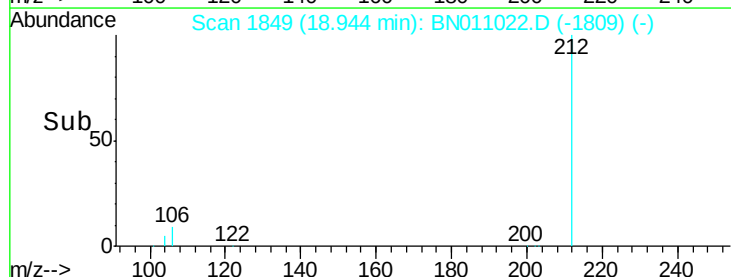
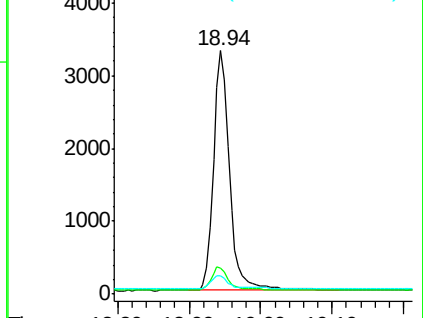
104 5.7 4.0 6.0

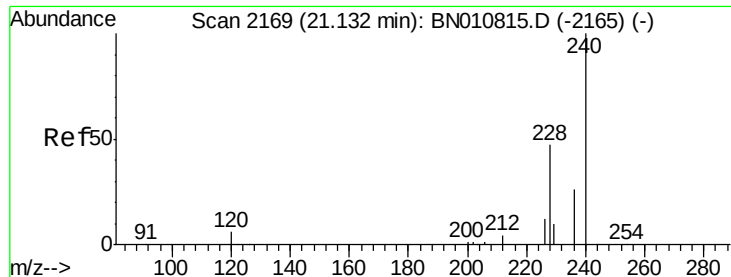


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

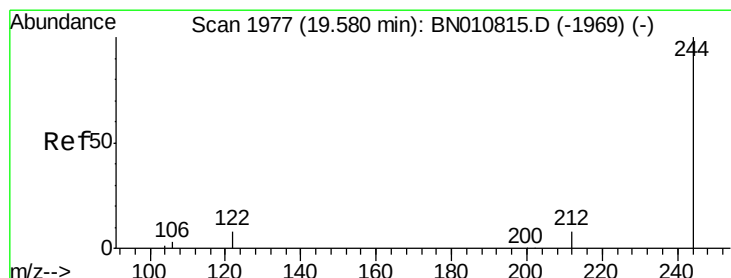
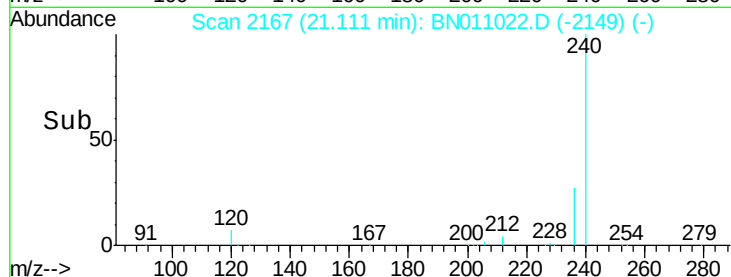
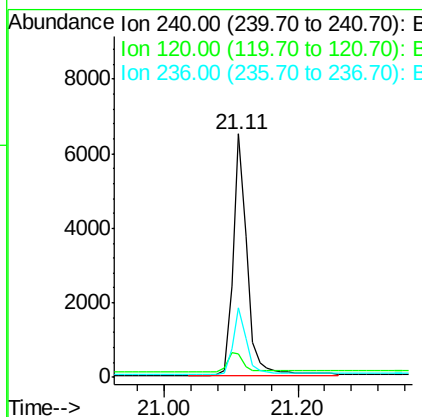
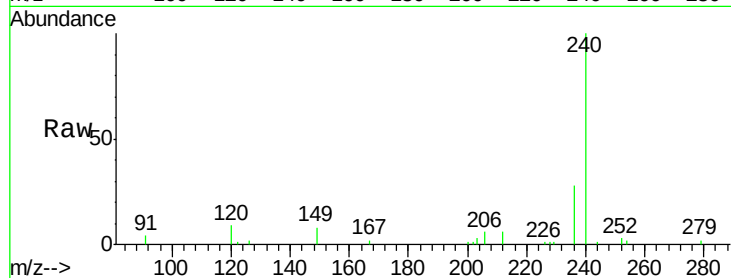




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BN011022.D
 Acq: 23 Jun 2020 04:40

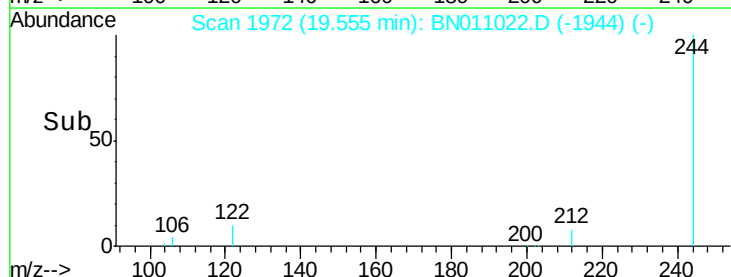
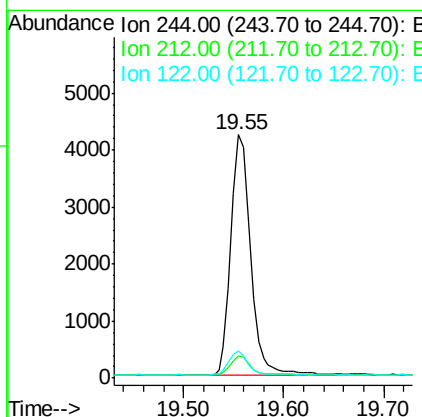
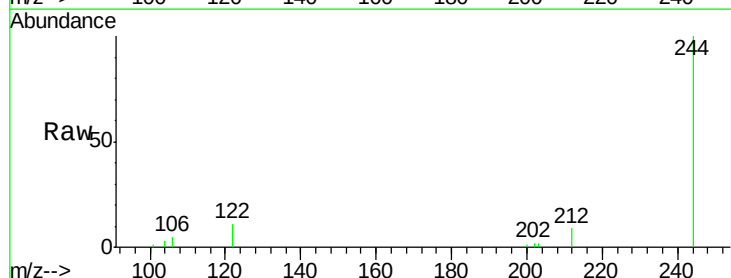
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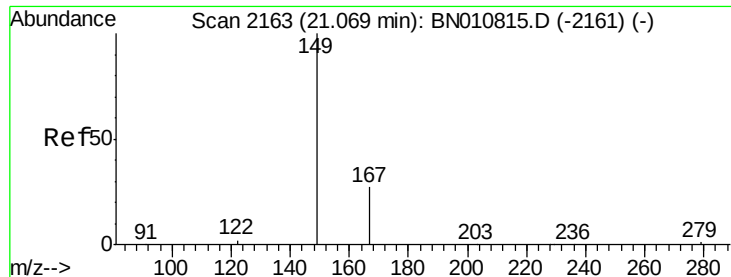
Tot Ion:240 Resp: 9478
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.5 11.3
 236 28.5 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.261 ng
 RT: 19.55 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BN011022.D
 Acq: 23 Jun 2020 04:40

Tgt Ion:244 Resp: 5794
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.4 11.2
 122 11.3 7.5 11.3#

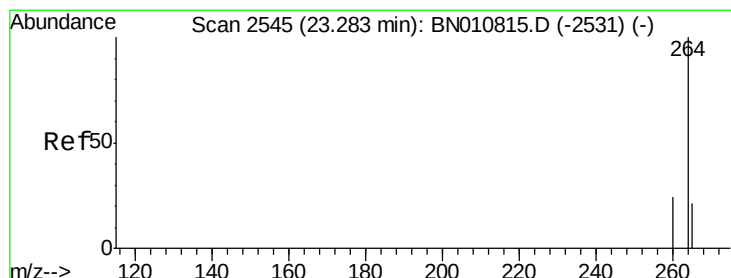
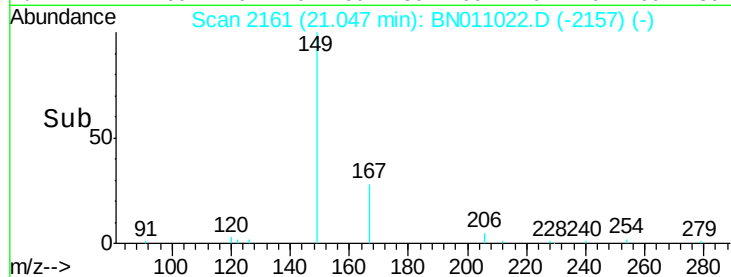
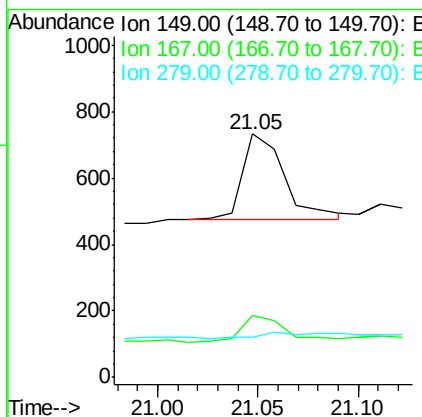
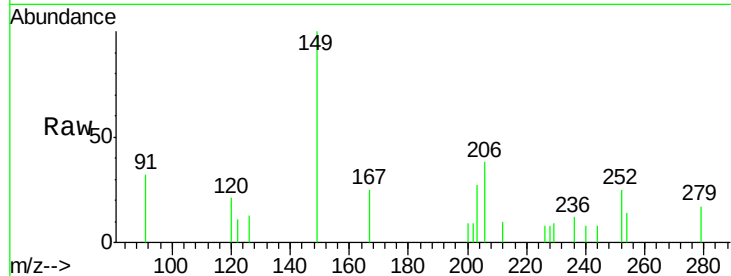




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.05 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BN011022.D
 Acq: 23 Jun 2020 04:40

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20200613DL

Tot Ion:149 Resp: 373
 Ion Ratio Lower Upper
 149 100
 167 33.2 24.1 36.1
 279 11.5 4.6 7.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BN011022.D
 Acq: 23 Jun 2020 04:40

Tgt Ion:264 Resp: 9793
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 71.7 75.0 112.4#

