

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010879.D
 Acq On : 15 Jun 2020 18:15
 Operator : CG/JU
 Sample : L3005-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW001-200611

Quant Time: Jun 15 19:01:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

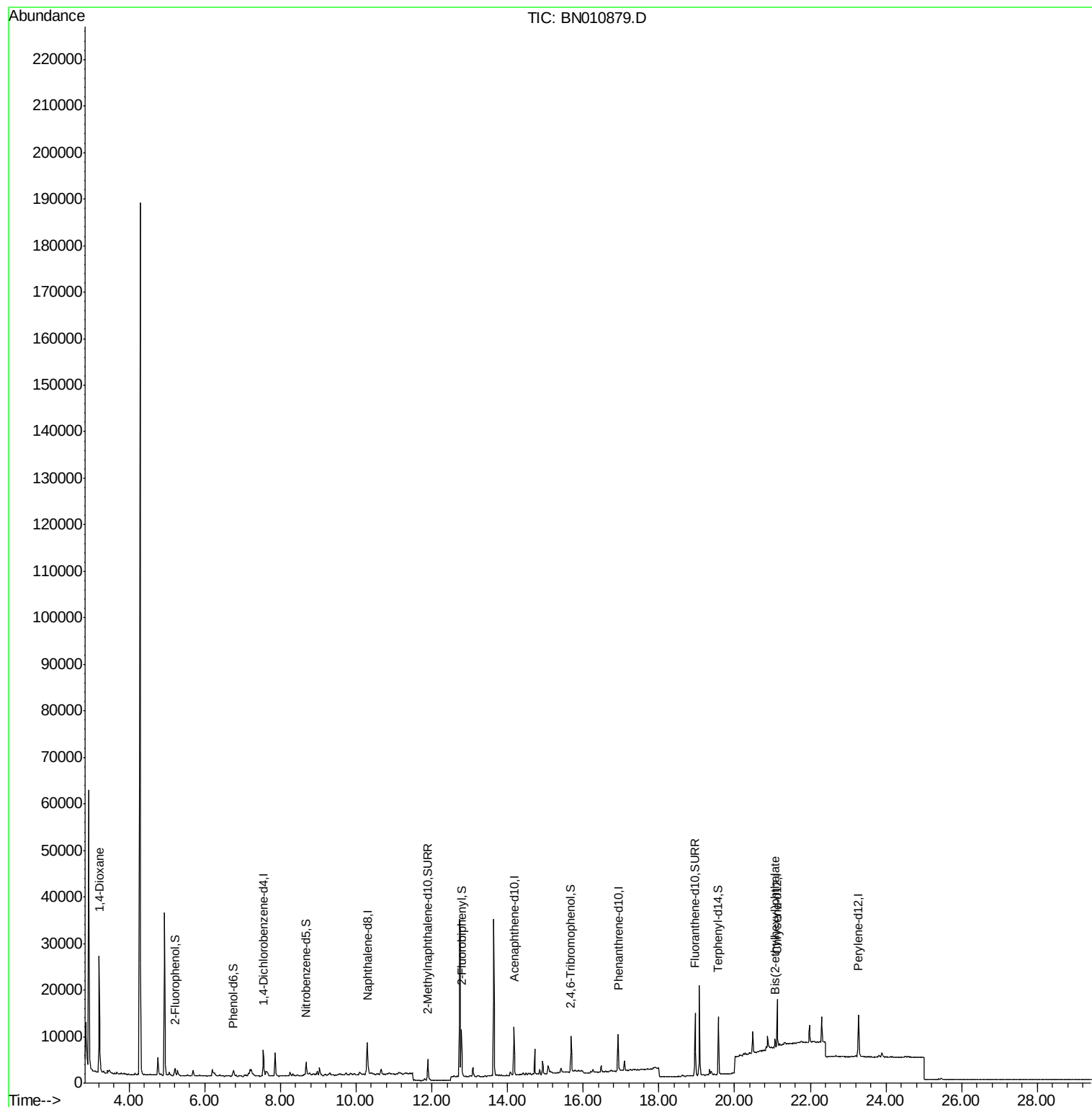
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2856	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10258	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5812	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12038	0.40	ng	0.00
27) Chrysene-d12	21.12	240	10786	0.40	ng	-0.01
34) Perylene-d12	23.28	264	11523	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	829	0.15	ng	0.00
5) Phenol-d6	6.74	99	660	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2950	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	6710	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	801	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	9084	0.40	ng	0.00
25) Fluoranthene-d10	18.96	212	16201	0.49	ng	0.00
29) Terphenyl-d14	19.57	244	11827	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	20570	7.353	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	1630	0.154	ng	# 96

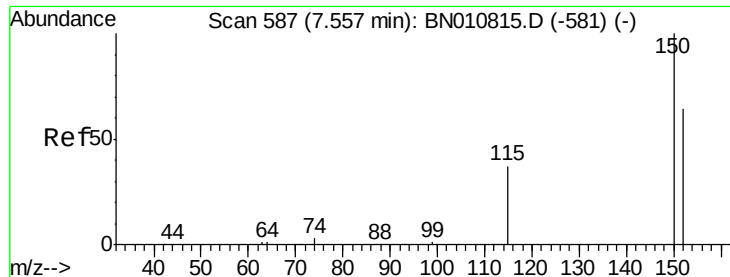
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



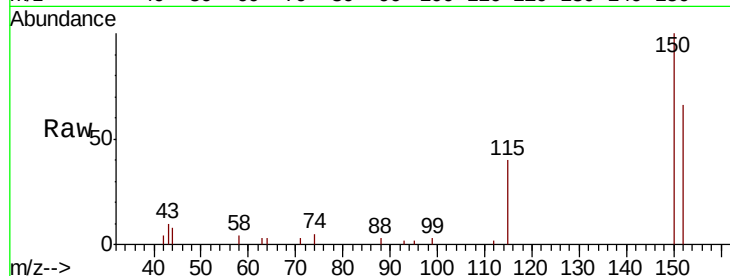


#1

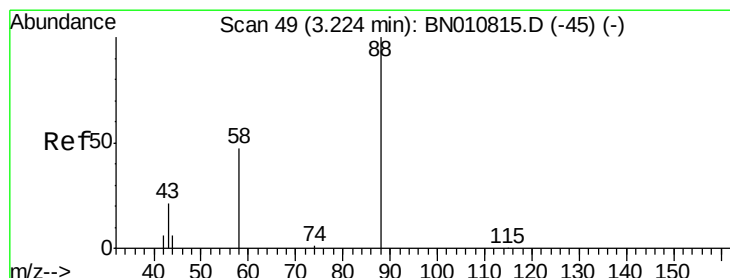
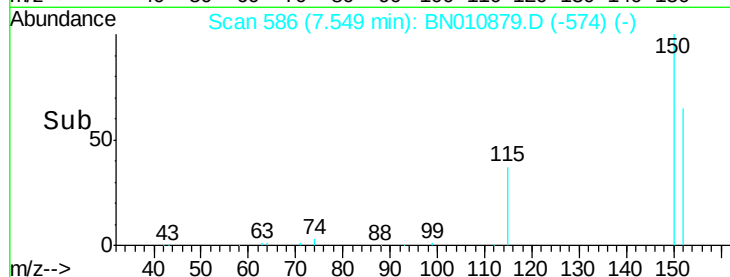
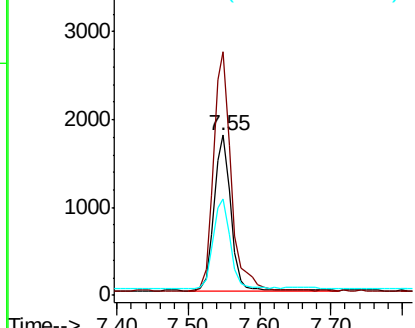
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010879.D
Acq: 15 Jun 2020 18:15

Instrument :
BNA_N
ClientSampleId :
LF017MW001-200611

Tot Ion:152 Resp: 2856
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 60.1 49.2 73.8



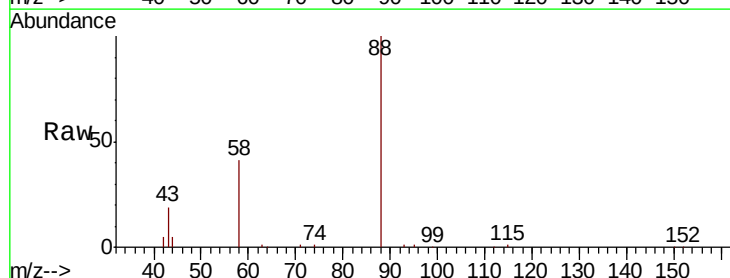
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



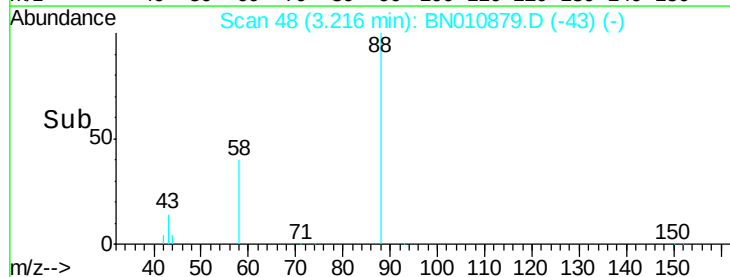
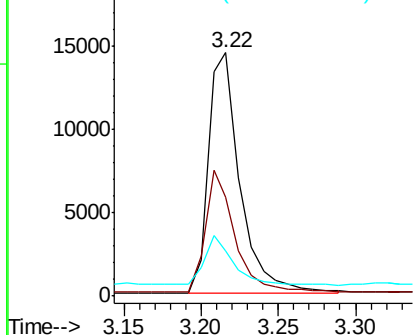
#2

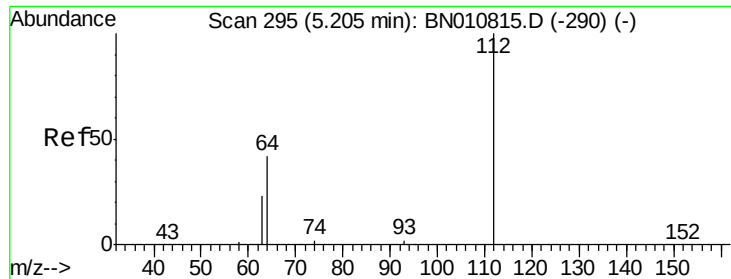
1,4-Dioxane
Concen: 7.353 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010879.D
Acq: 15 Jun 2020 18:15

Tgt Ion: 88 Resp: 20570
Ion Ratio Lower Upper
88 100
58 45.8 38.2 57.4
43 18.7 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: 0.150 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

Instrument :

BNA_N

ClientSampleId :

LF017MW001-200611

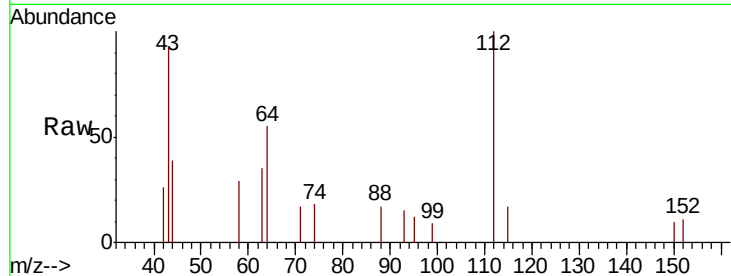
Tot Ion: 112 Resp: 829

Ion Ratio Lower Upper

112 100

64 47.0 37.4 56.0

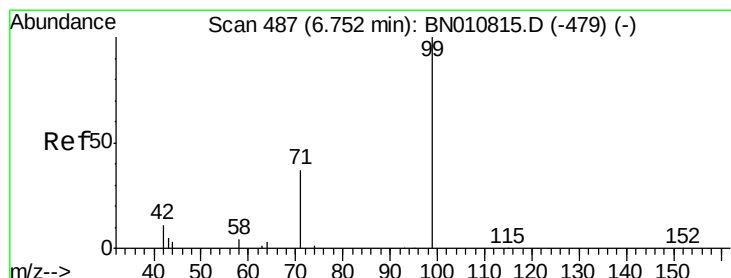
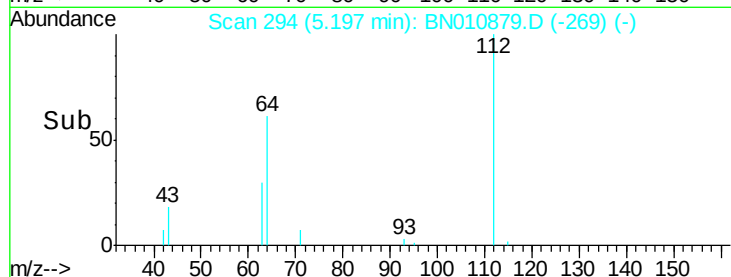
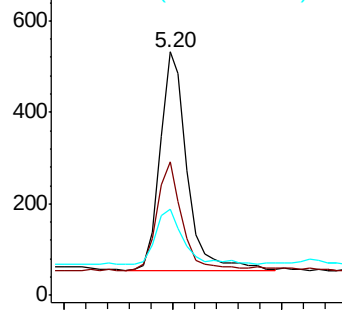
63 26.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.102 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

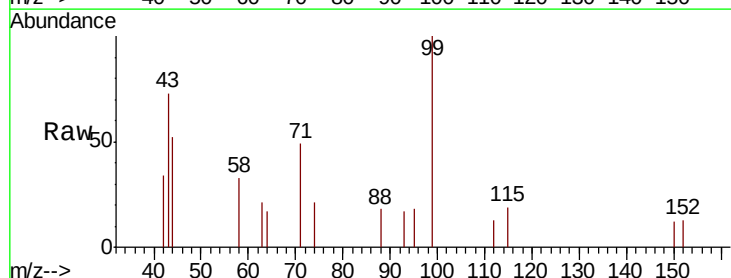
Tgt Ion: 99 Resp: 660

Ion Ratio Lower Upper

99 100

42 27.4 11.1 16.7#

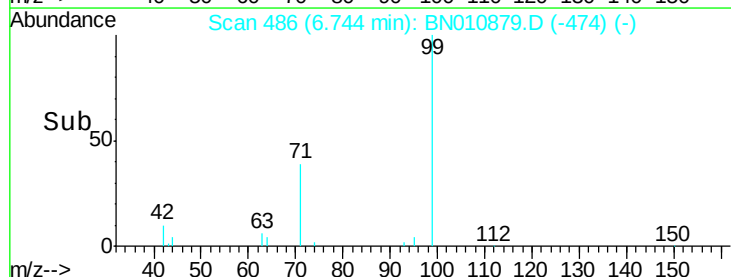
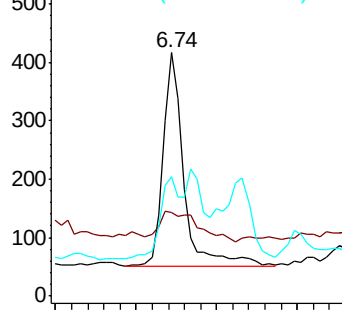
71 33.8 31.4 47.2

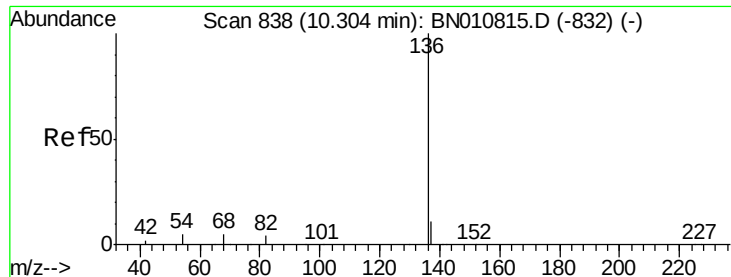


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

Instrument :

BNA_N

ClientSampleId :

LF017MW001-200611

Tot Ion:136 Resp: 10258

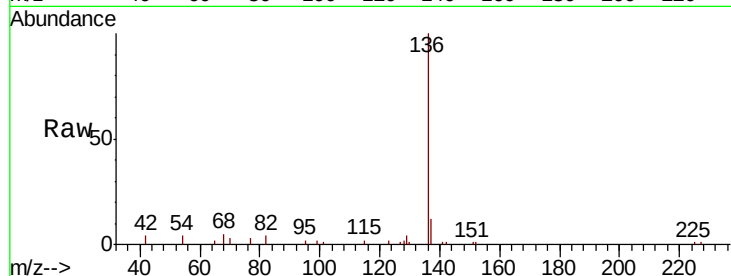
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 4.0 4.9 7.3#

68 4.8 4.7 7.1

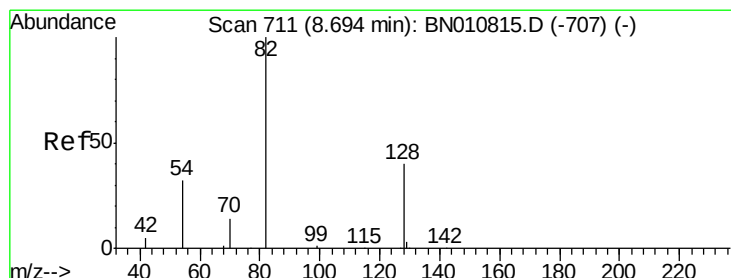
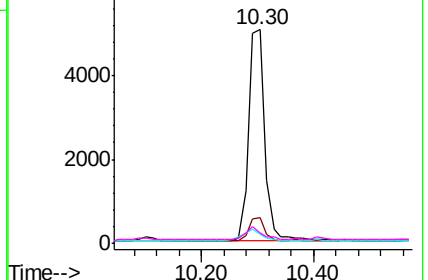
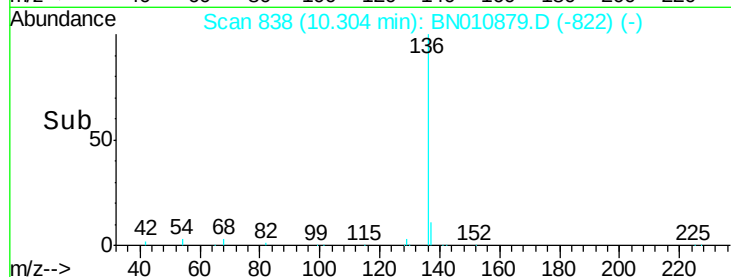


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

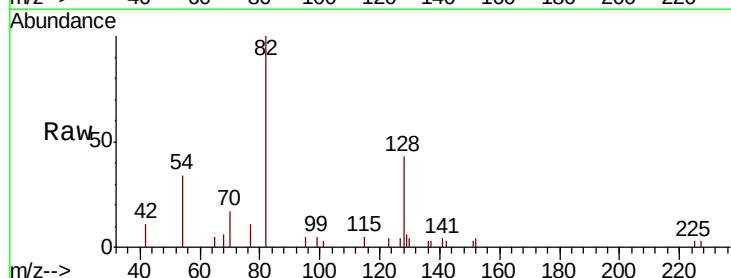
Tgt Ion: 82 Resp: 2950

Ion Ratio Lower Upper

82 100

128 43.3 35.4 53.0

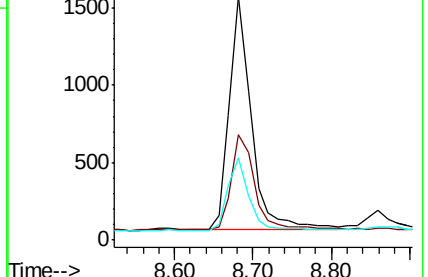
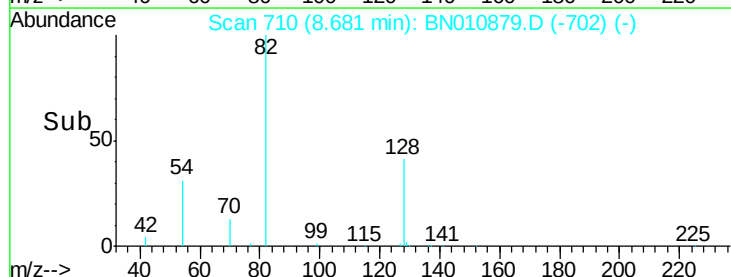
54 33.7 28.2 42.4

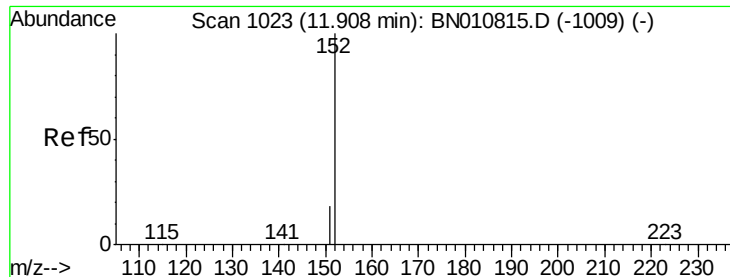


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

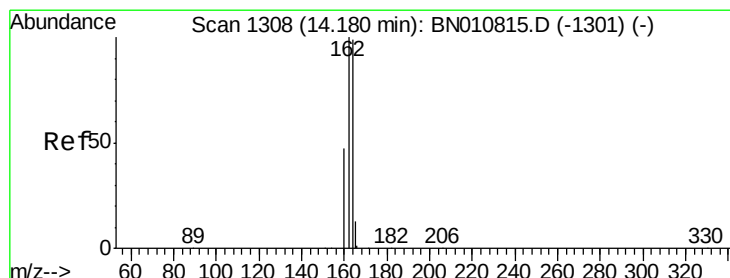
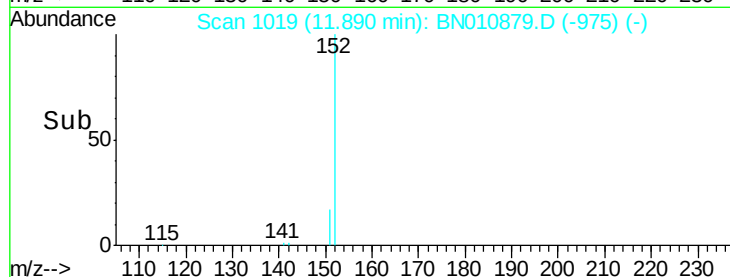
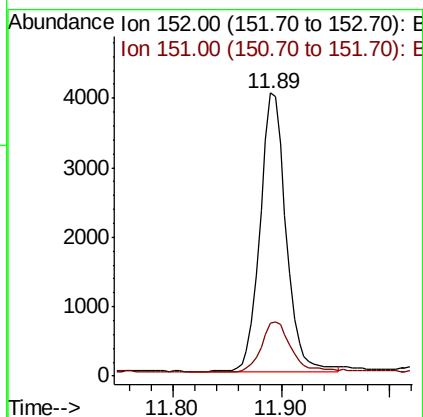
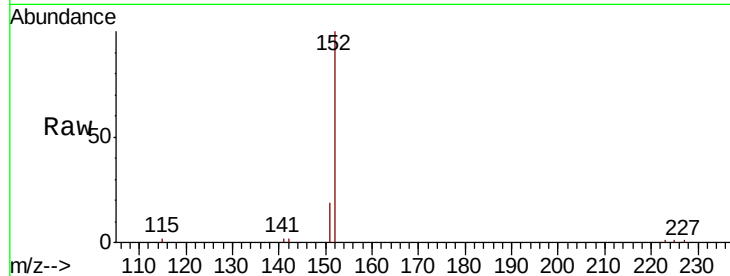




#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010879.D
Acq: 15 Jun 2020 18:15

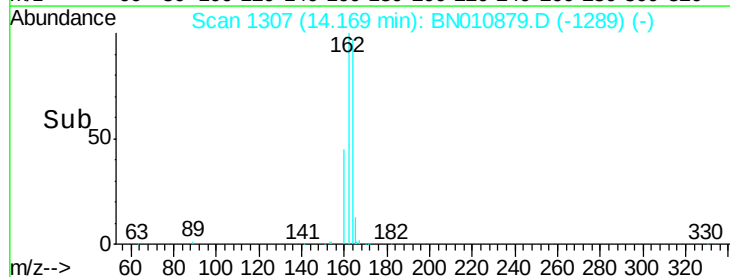
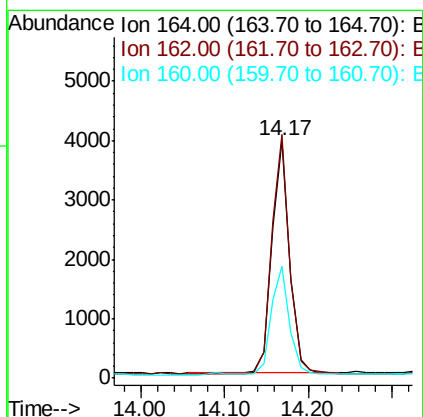
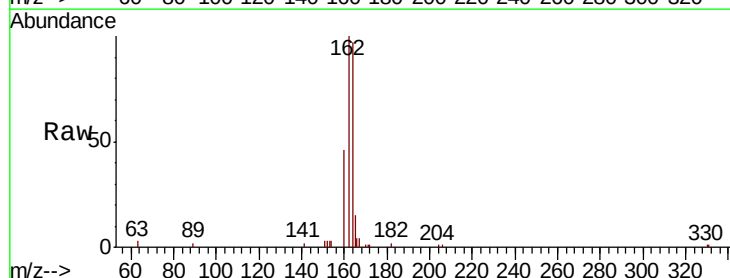
Instrument :
BNA_N
ClientSampleId :
LF017MW001-200611

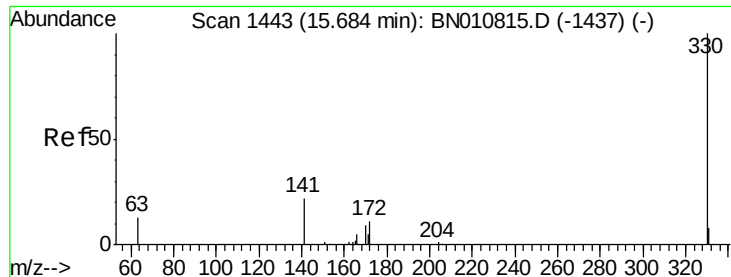
Tot Ion:152 Resp: 6710
Ion Ratio Lower Upper
152 100
151 20.1 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010879.D
Acq: 15 Jun 2020 18:15

Tgt Ion:164 Resp: 5812
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.6
160 47.1 38.9 58.3





#14

2,4,6-Tribromophenol

Concen: 0.385 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

Instrument :

BNA_N

ClientSampleId :

LF017MW001-200611

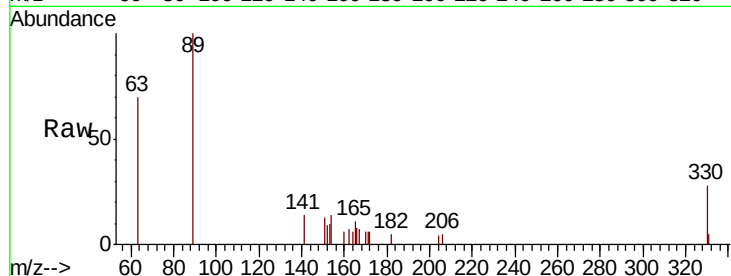
Tot Ion:330 Resp: 801

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

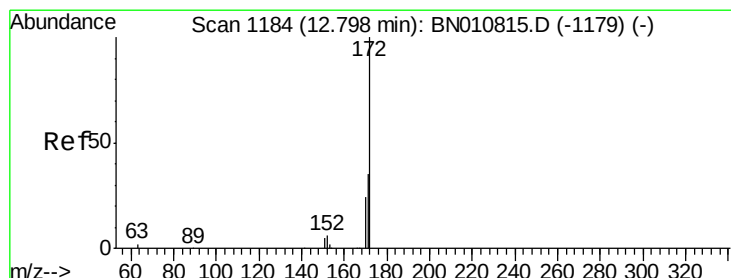
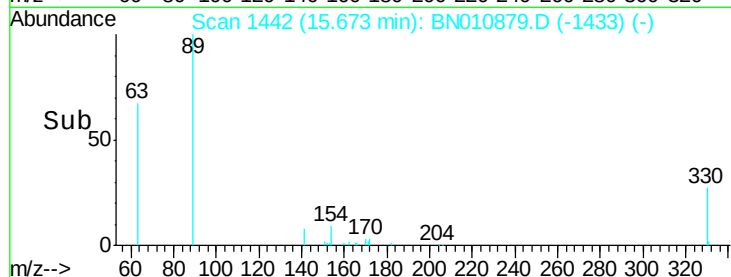
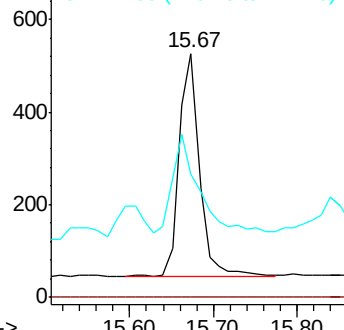
141 58.6 33.2 49.8#



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: 0.396 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

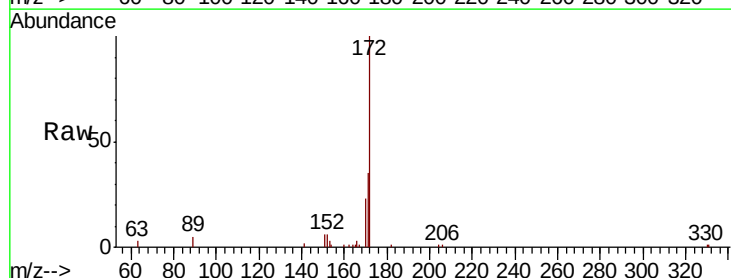
Tgt Ion:172 Resp: 9084

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

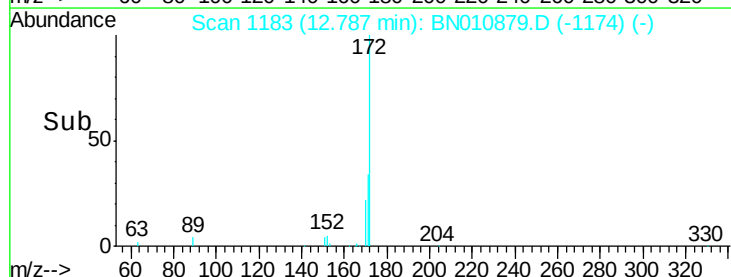
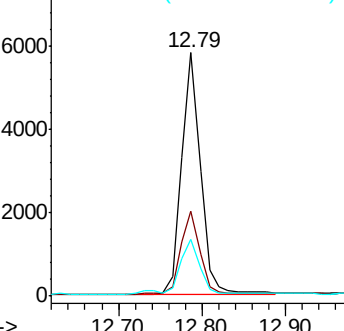
170 23.2 19.7 29.5

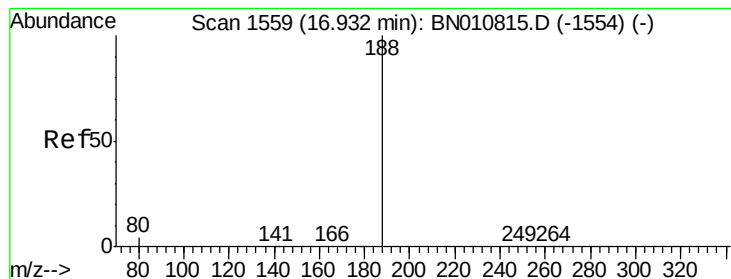


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

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ClientSampleId :

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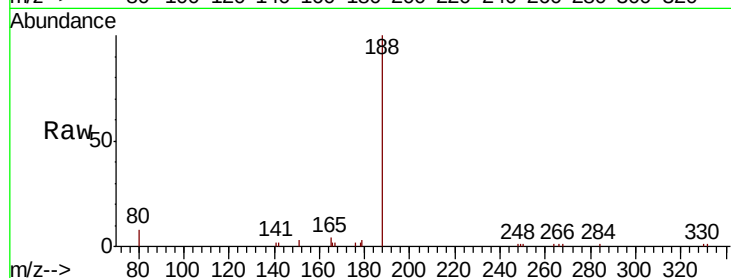
Tot Ion:188 Resp: 12038

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

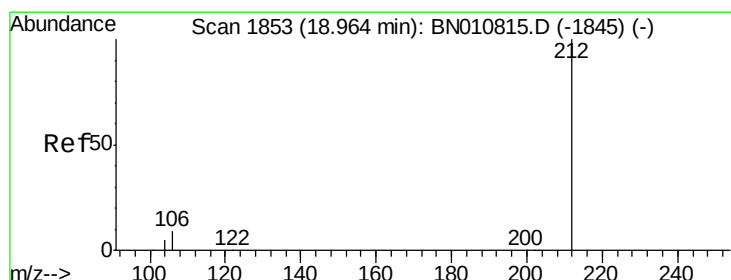
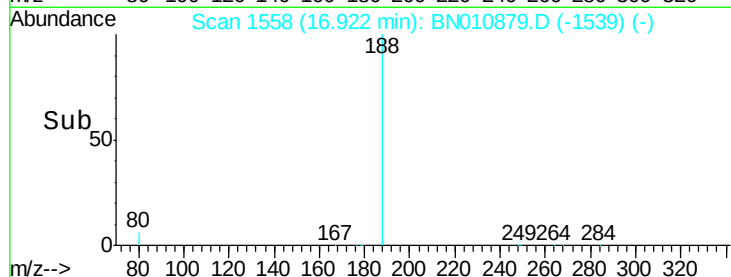
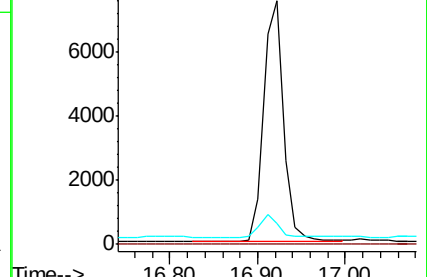
80 8.5 4.5 6.7#



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: 0.488 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

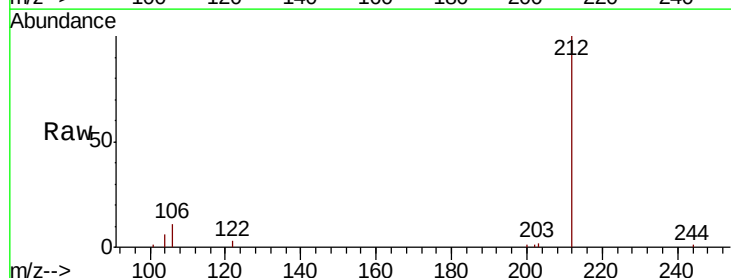
Tgt Ion:212 Resp: 16201

Ion Ratio Lower Upper

212 100

106 10.4 6.6 10.0#

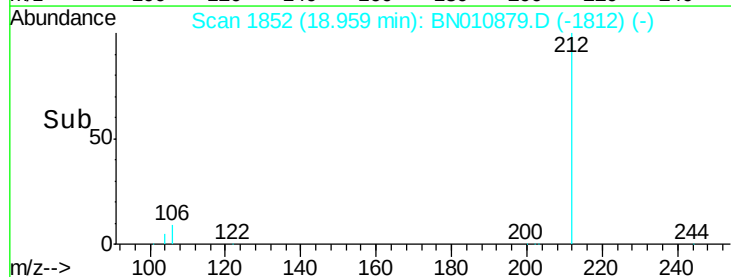
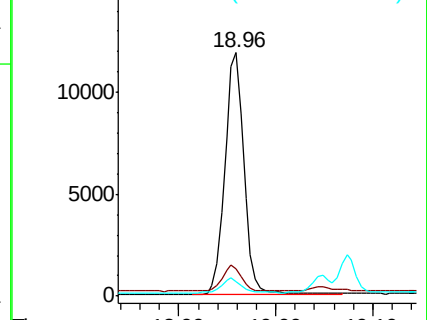
104 6.3 4.0 6.0#

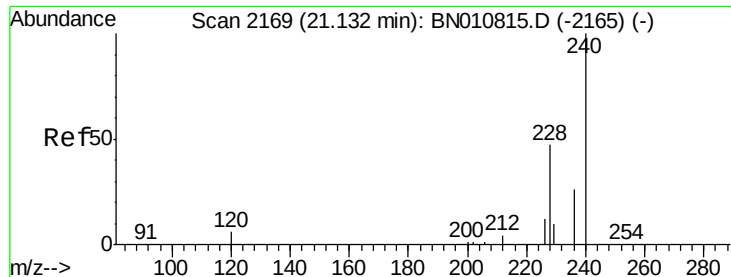


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

Instrument :

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LF017MW001-200611

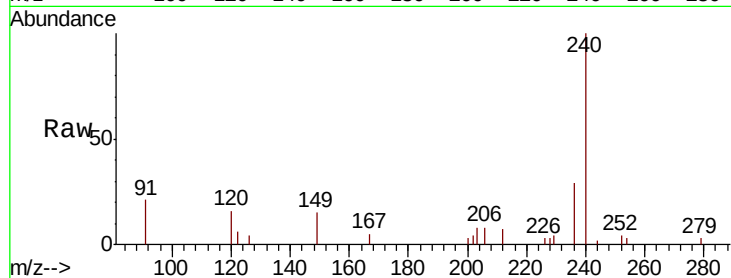
Tot Ion:240 Resp: 10786

Ion Ratio Lower Upper

240 100

120 15.9 7.5 11.3#

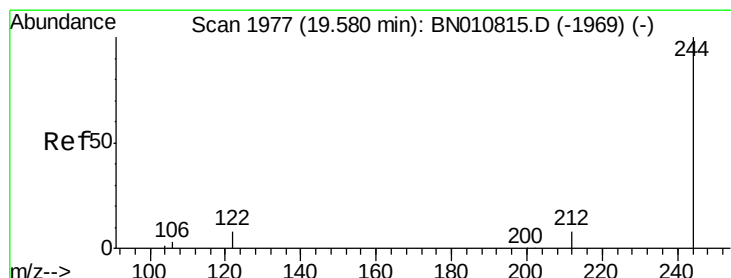
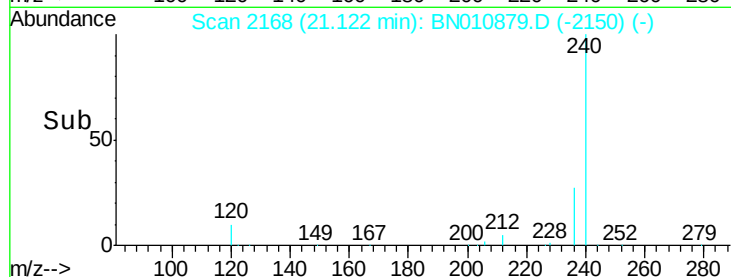
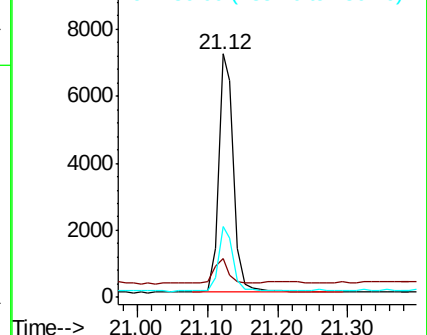
236 29.2 22.3 33.5



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: 0.468 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010879.D

Acq: 15 Jun 2020 18:15

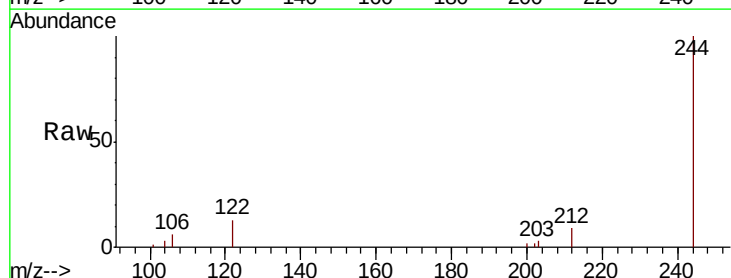
Tgt Ion:244 Resp: 11827

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

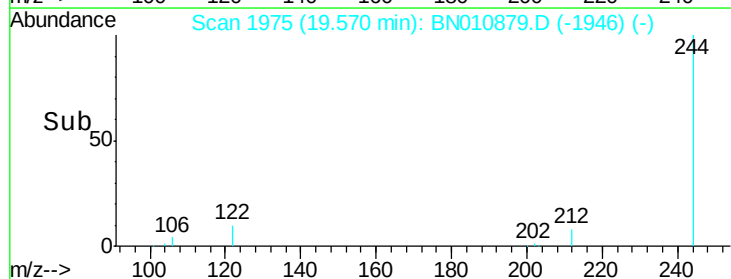
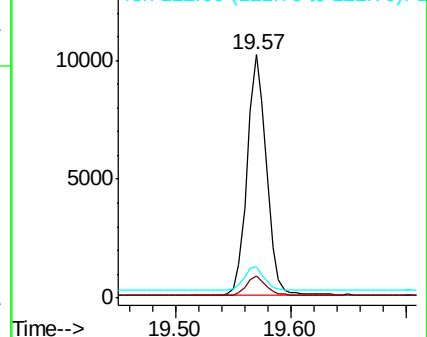
122 12.9 7.5 11.3#

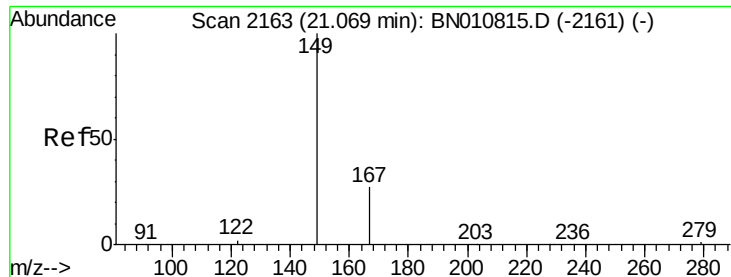


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

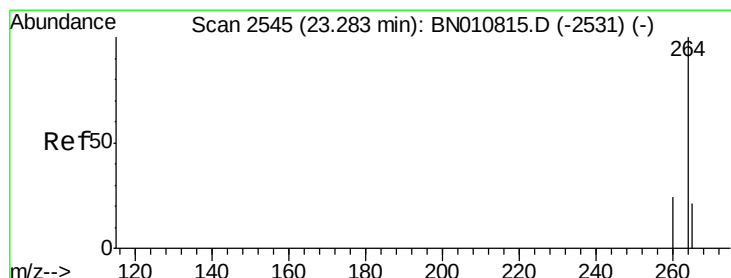
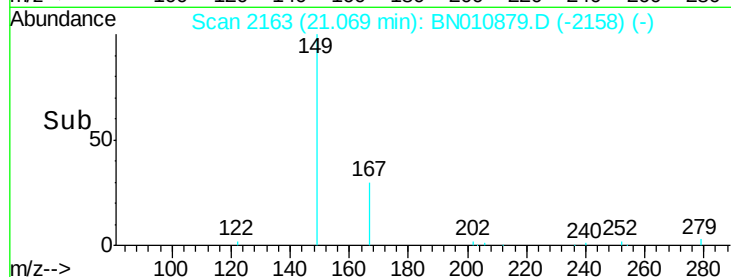
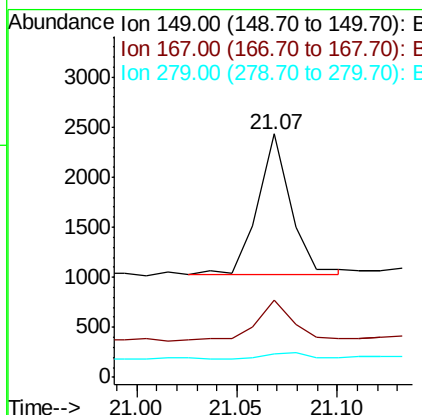
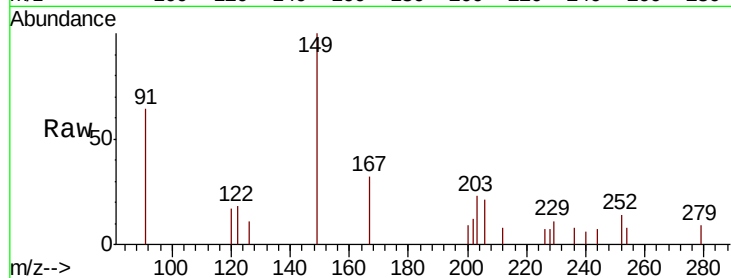




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BN010879.D
 Acq: 15 Jun 2020 18:15

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW001-200611

Tot Ion:149 Resp: 1630
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.1 36.1
 279 4.5 4.6 7.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BN010879.D
 Acq: 15 Jun 2020 18:15

Tgt Ion:264 Resp: 11523
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.4 30.6
 265 74.4 75.0 112.4#

