

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011569.D
 Acq On : 22 Aug 2020 03:39
 Operator : CG/JU
 Sample : PB131047BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BL

Quant Time: Aug 22 05:50:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

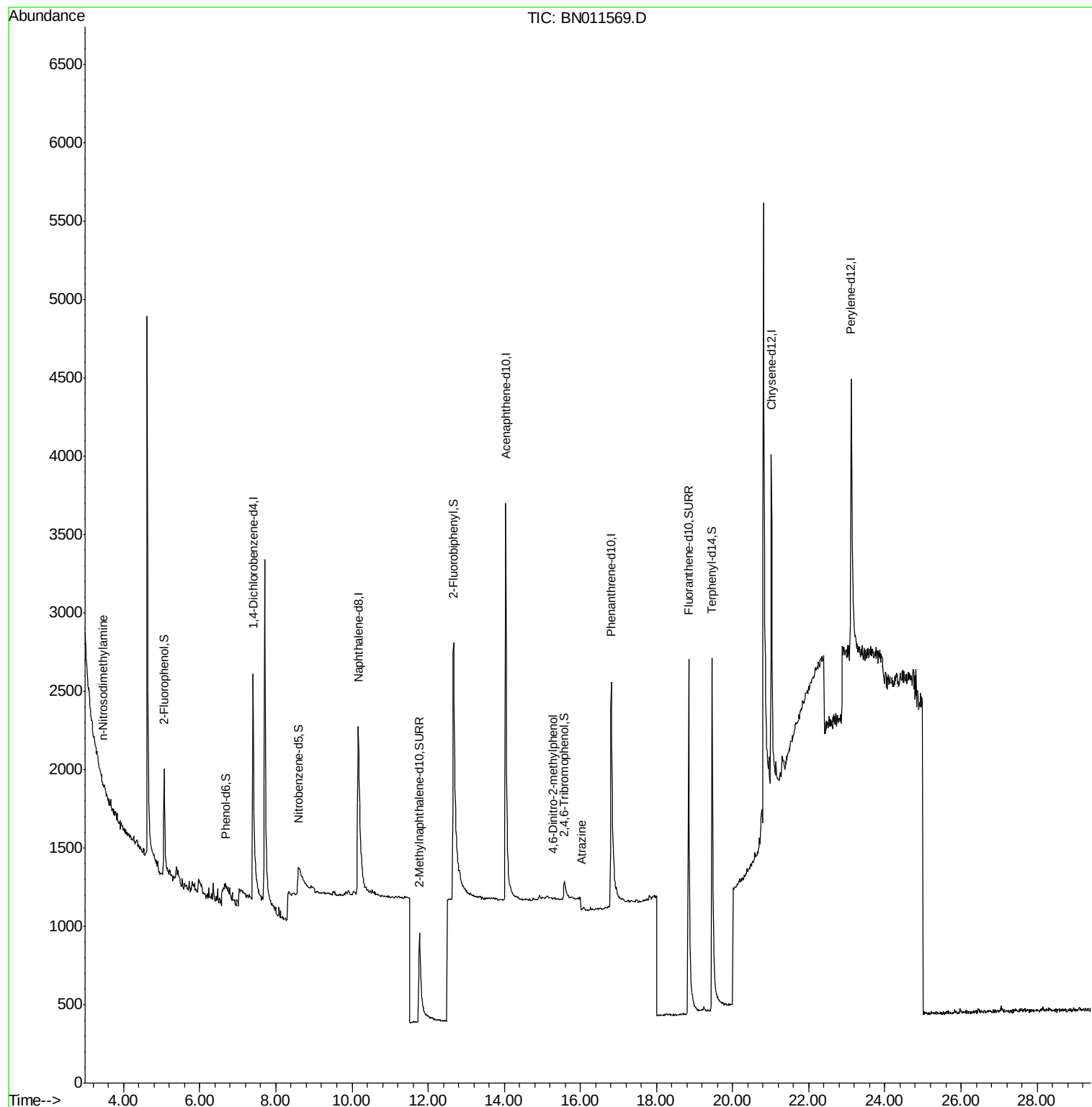
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1420	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3960	0.40	ng	0.01
13) Acenaphthene-d10	14.04	164	2549	0.40	ng	0.01
19) Phenanthrene-d10	16.81	188	5151	0.40	ng	0.02
29) Chrysene-d12	21.01	240	3592	0.40	ng	0.00
36) Perylene-d12	23.11	264	3760	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1012	0.33	ng	0.00
5) Phenol-d6	6.69	99	562	0.18	ng	0.06
8) Nitrobenzene-d5	8.59	82	678	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.77	152	2112	0.30	ng	0.02
14) 2,4,6-Tribromophenol	15.57	330	248	0.20	ng	0.03
15) 2-Fluorobiphenyl	12.67	172	3802	0.36	ng	0.01
27) Fluoranthene-d10	18.84	212	4989	0.29	ng	0.00
31) Terphenyl-d14	19.46	244	4378	0.47	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.47	42	23	0.029	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.28	198	1	0.176	ng	# 50
23) Atrazine	16.03	200	135	0.050	ng	# 18

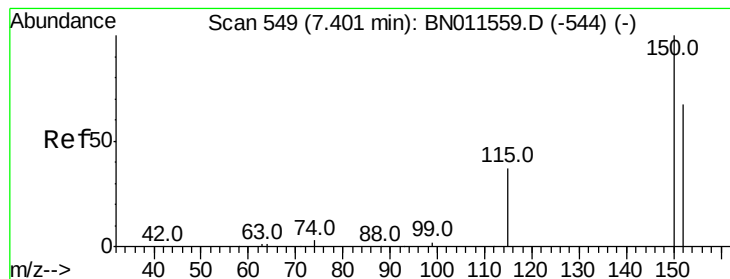
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

PB131047BL

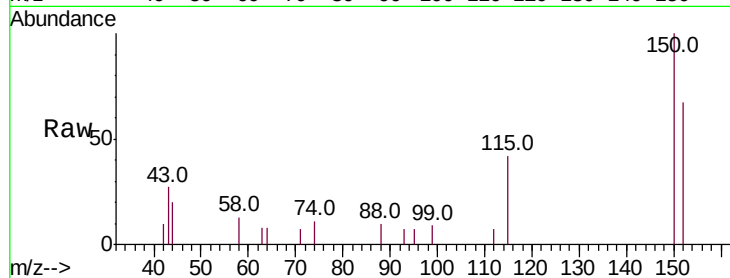
Tot Ion:152 Resp: 1420

Ion Ratio Lower Upper

152 100

150 150.0 117.1 175.7

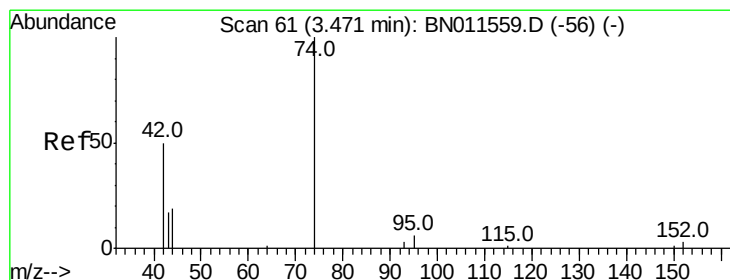
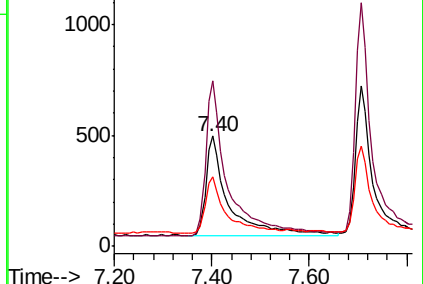
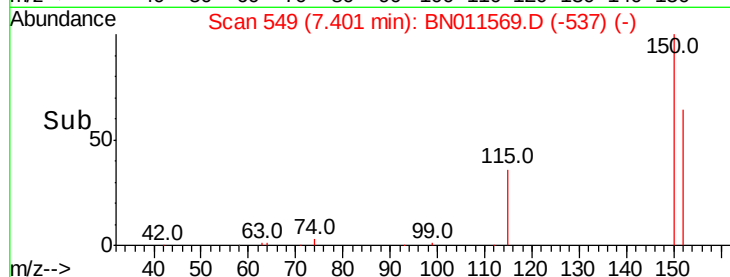
115 63.3 48.7 73.1



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



#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.47 min Scan# 61

Delta R.T. 0.00 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

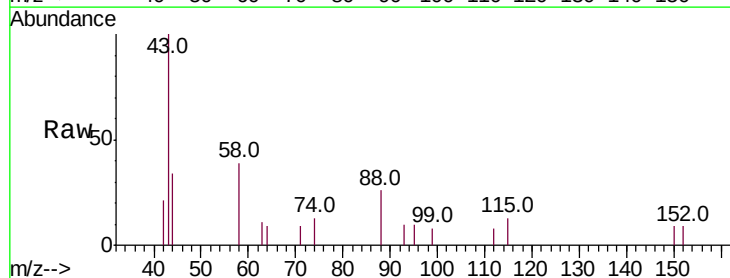
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

42 100

74 34.8 169.0 253.4#

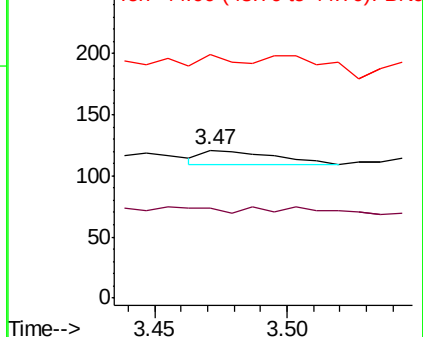
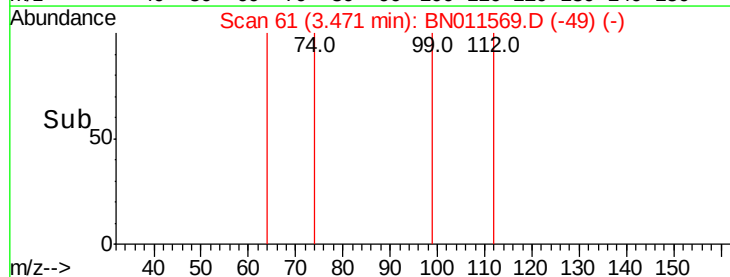
44 0.0 21.6 32.4#

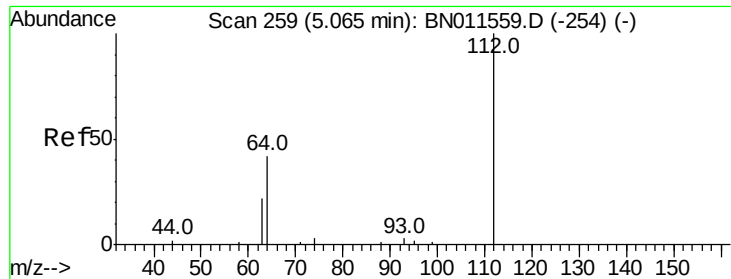


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.334 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

Instrument :

BNA_N

ClientSampleId :

PB131047BL

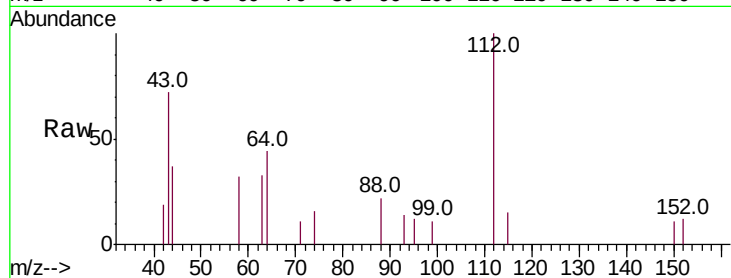
Tot Ion:112 Resp: 1012

Ion Ratio Lower Upper

112 100

64 40.4 33.9 50.9

63 25.0 17.7 26.5



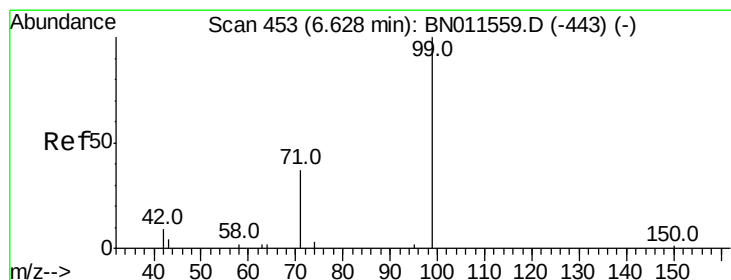
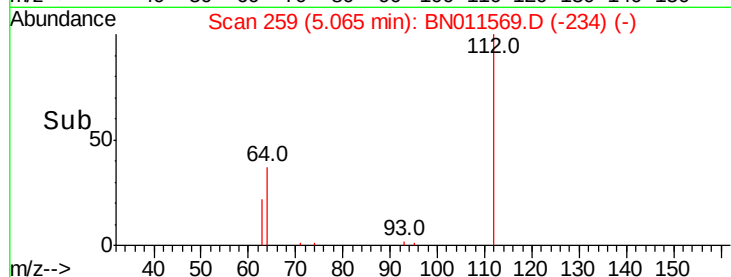
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

5.07

Time-->



#5

Phenol-d6

Concen: 0.184 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.06 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

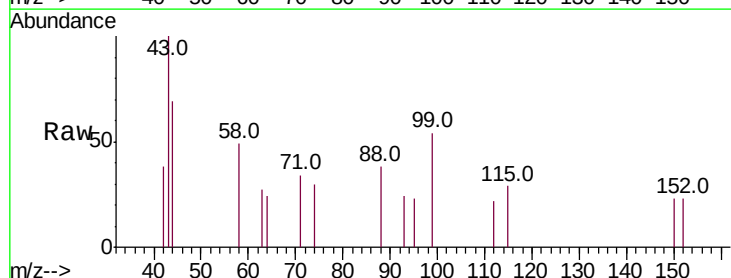
Tgt Ion: 99 Resp: 562

Ion Ratio Lower Upper

99 100

42 0.0 9.0 13.4#

71 33.3 30.4 45.6



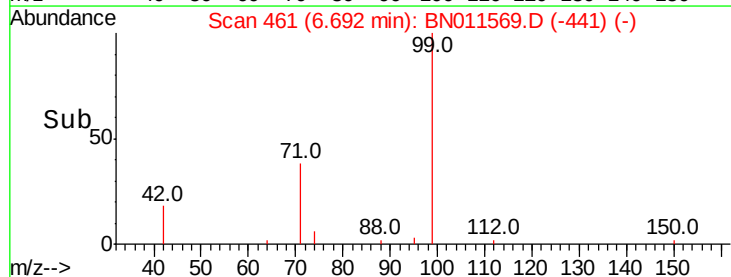
Abundance Ion 99.00 (98.70 to 99.70): BN0

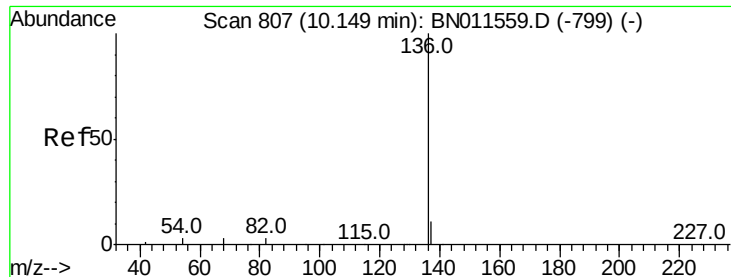
Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

6.69

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 808

Delta R.T. 0.01 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

Instrument :

BNA_N

ClientSampleId :

PB131047BL

Tot Ion:136 Resp: 3960

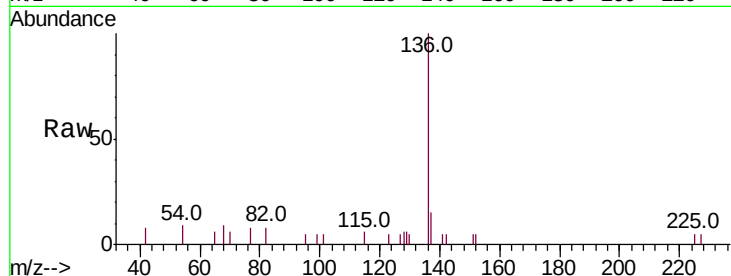
Ion Ratio Lower Upper

136 100

137 15.5 11.0 16.4

54 8.7 4.3 6.5#

68 8.6 4.9 7.3#

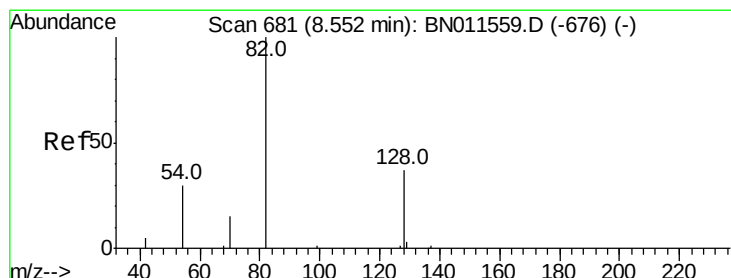
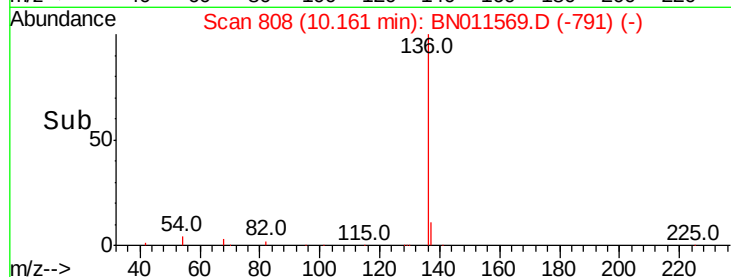
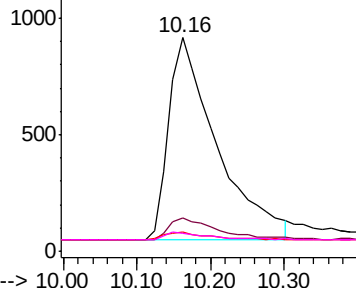


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.260 ng

RT: 8.59 min Scan# 684

Delta R.T. 0.04 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

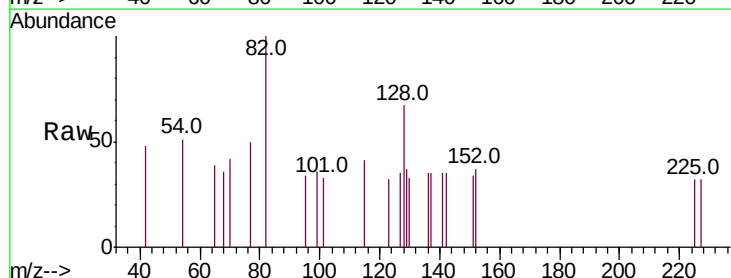
Tgt Ion: 82 Resp: 678

Ion Ratio Lower Upper

82 100

128 66.9 41.7 62.5#

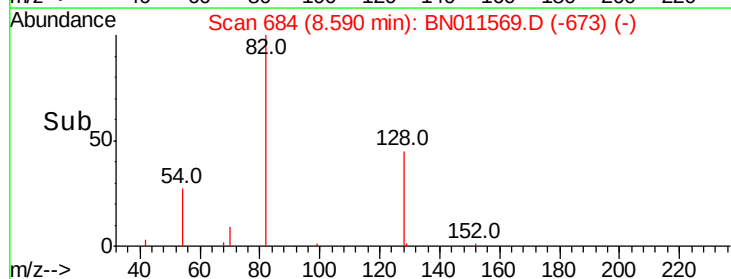
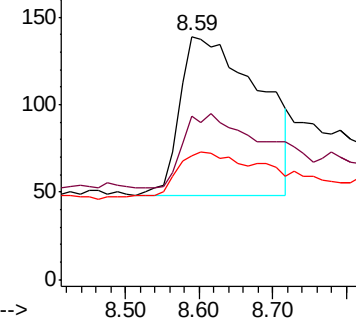
54 51.1 34.4 51.6

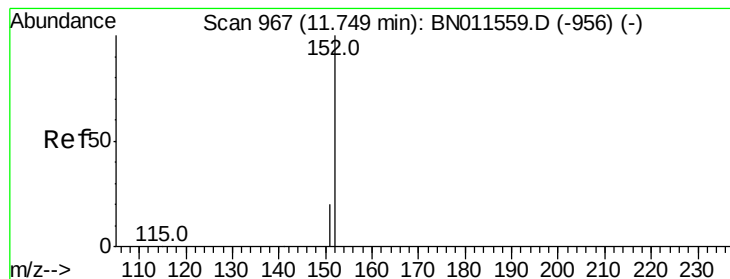


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.299 ng

RT: 11.77 min Scan# 972

Delta R.T. 0.02 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

Instrument :

BNA_N

ClientSampleId :

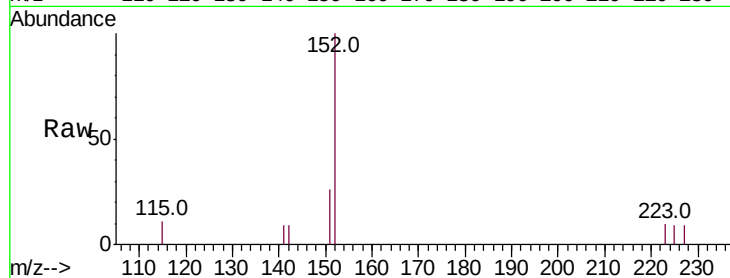
PB131047BL

Tot Ion:152 Resp: 2112

Ion Ratio Lower Upper

152 100

151 17.0 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

600

500

400

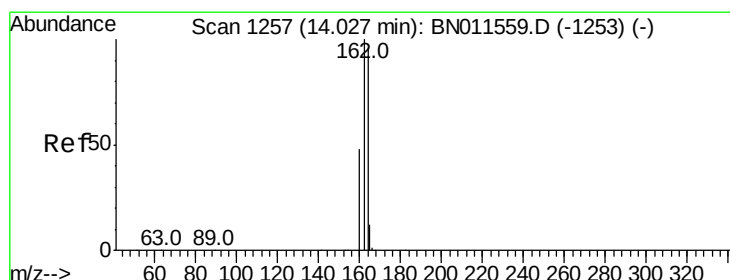
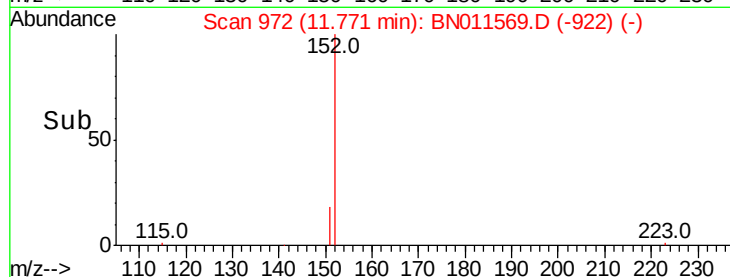
300

200

100

0

Time--> 11.60 11.80 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

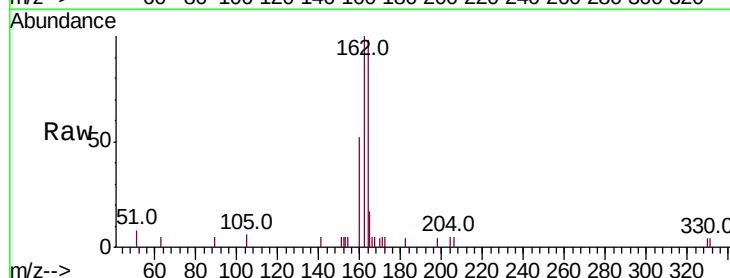
Tgt Ion:164 Resp: 2549

Ion Ratio Lower Upper

164 100

162 102.3 83.7 125.5

160 52.8 41.1 61.7



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

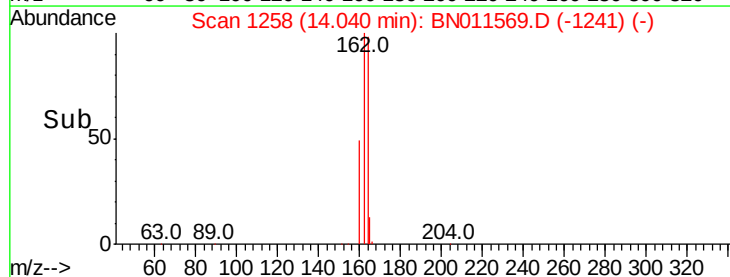
14.04

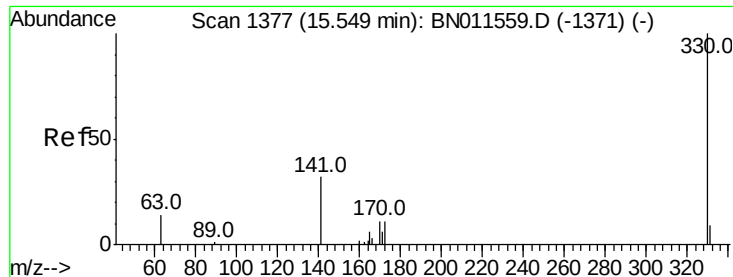
1000

500

0

Time--> 14.00 14.20

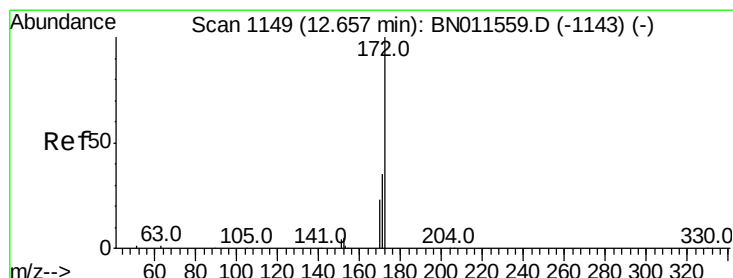
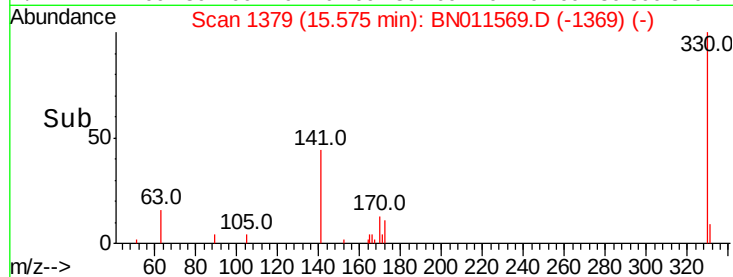
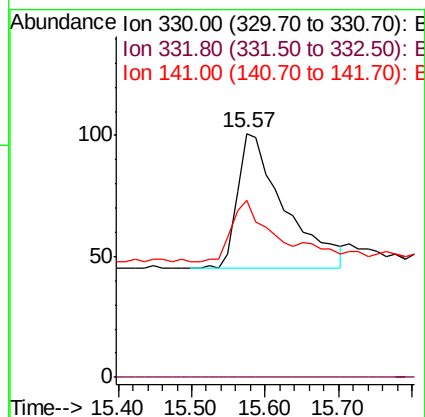
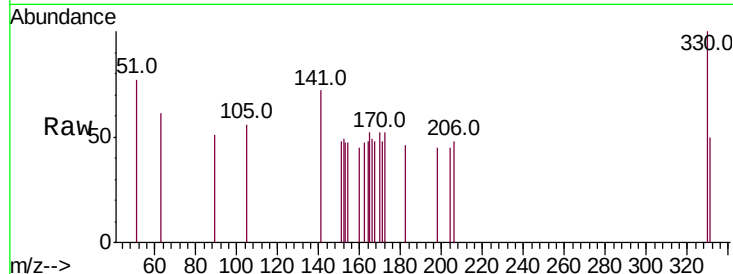




#14
 2,4,6-Tribromophenol
 Concen: 0.195 ng
 RT: 15.57 min Scan# 1379
 Delta R.T. 0.03 min
 Lab File: BN011569.D
 Acq: 22 Aug 2020 03:39

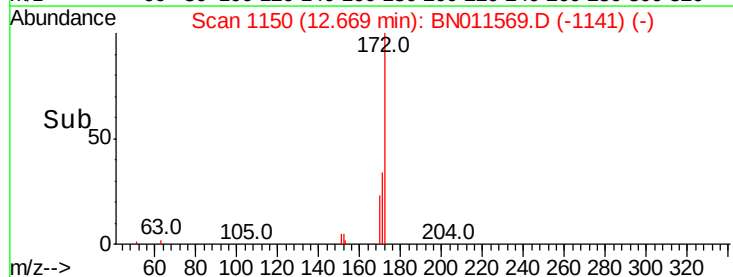
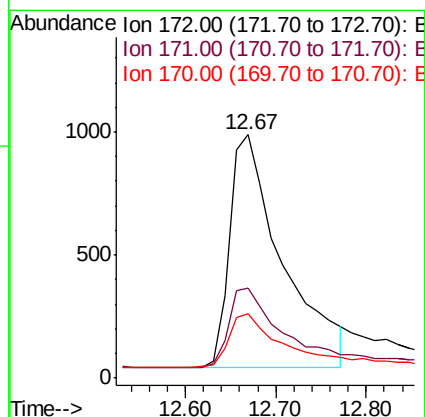
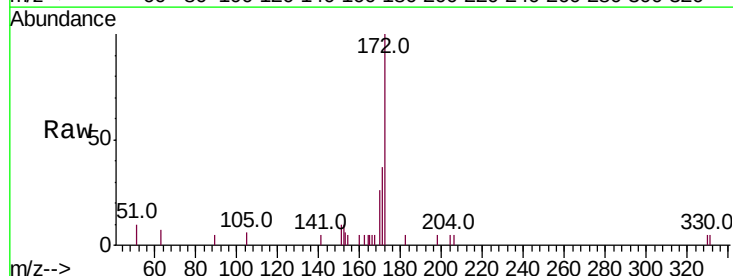
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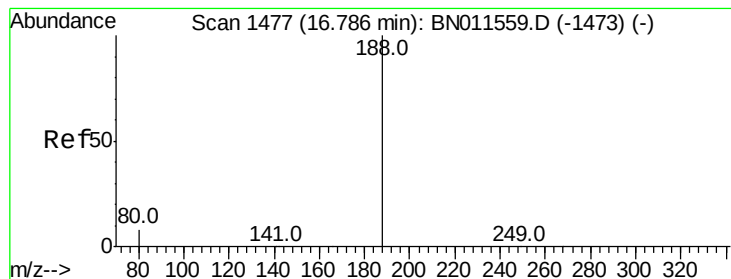
Tot Ion:330 Resp: 248
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.7 34.6 52.0



#15
 2-Fluorobiphenyl
 Concen: 0.363 ng
 RT: 12.67 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BN011569.D
 Acq: 22 Aug 2020 03:39

Tgt Ion:172 Resp: 3802
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 26.3 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1479

Delta R.T. 0.02 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

Instrument :

BNA_N

ClientSampleId :

PB131047BL

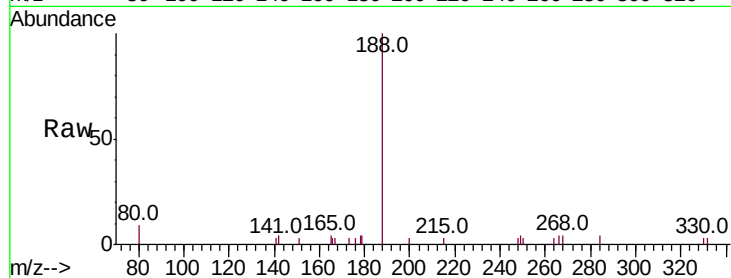
Tot Ion:188 Resp: 5151

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

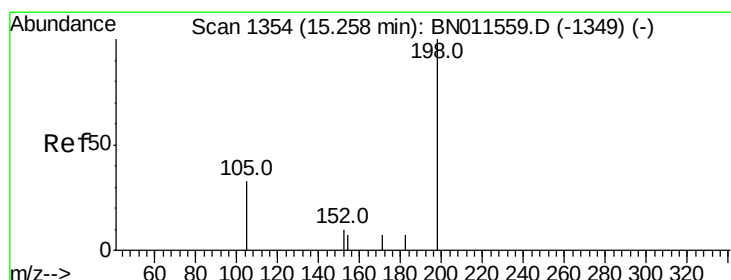
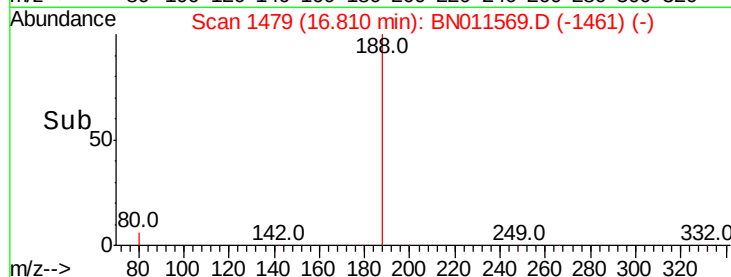
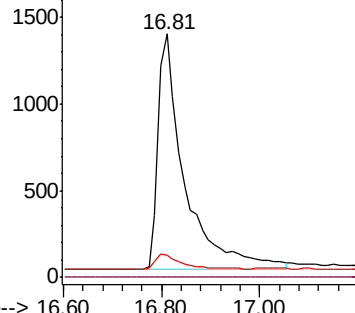
80 9.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.03 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

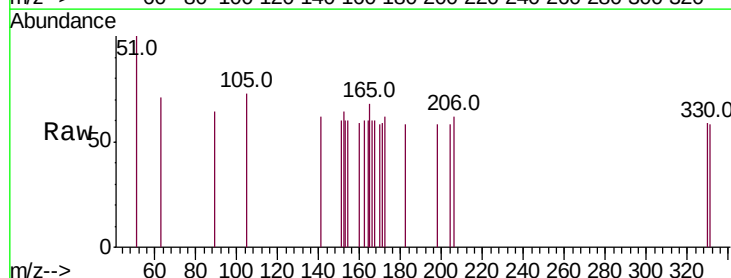
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 173.3 89.4 134.2#

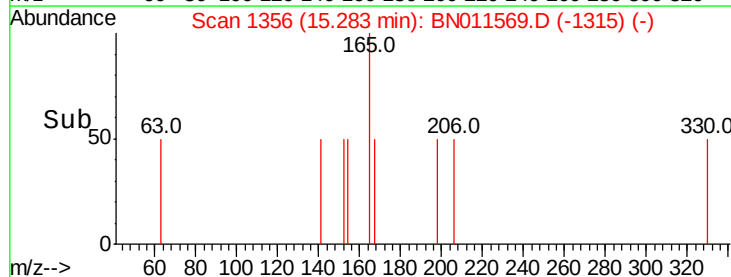
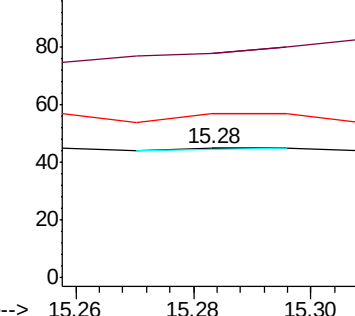
105 126.7 70.6 105.8#

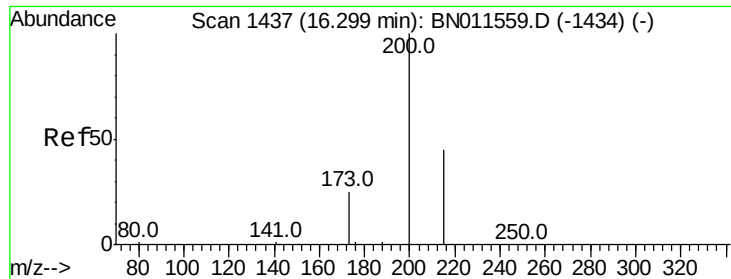


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

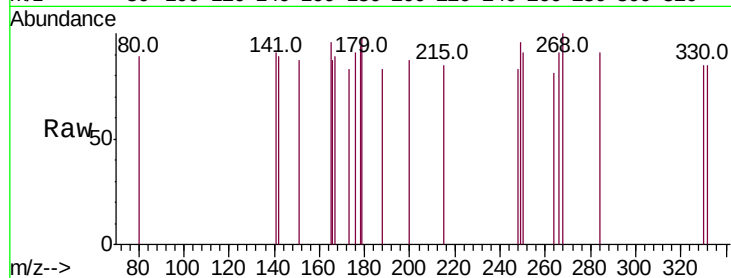




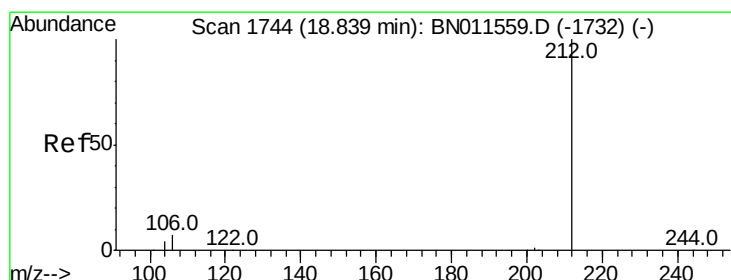
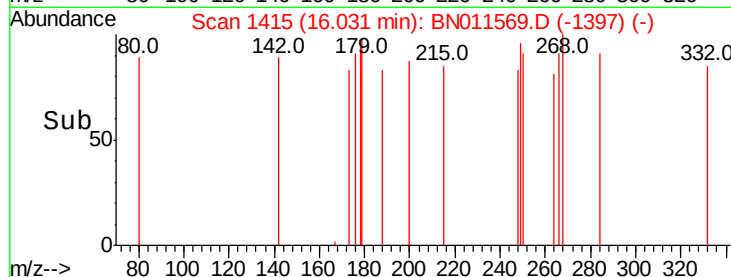
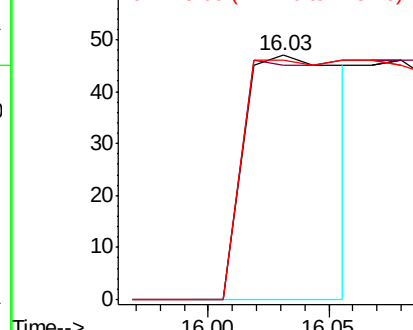
#23
Atrazine
Concen: 0.050 ng
RT: 16.03 min Scan# 1415
Delta R.T. -0.27 min
Lab File: BN011569.D
Acq: 22 Aug 2020 03:39

Instrument :
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Tot Ion:200 Resp: 135
Ion Ratio Lower Upper
200 100
173 95.7 27.7 41.5#
215 97.9 41.5 62.3#

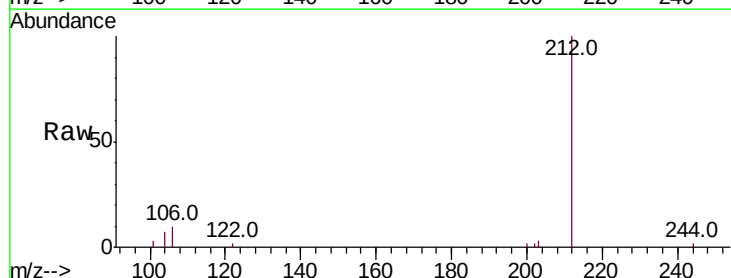


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

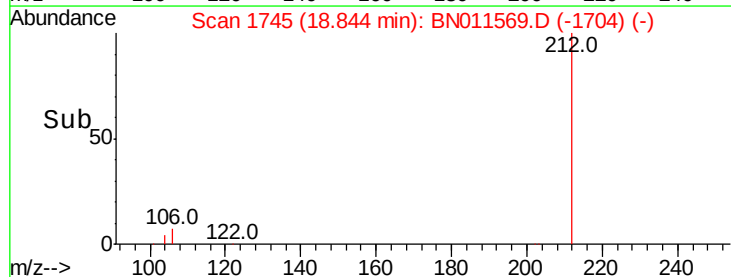
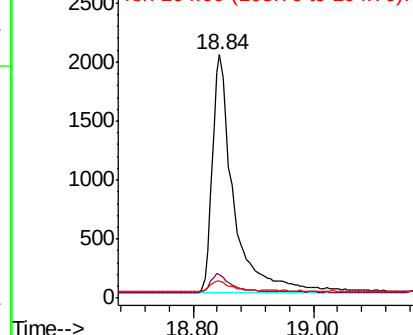


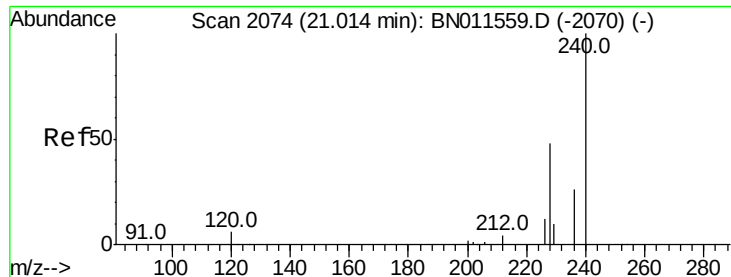
#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 18.84 min Scan# 1745
Delta R.T. 0.01 min
Lab File: BN011569.D
Acq: 22 Aug 2020 03:39

Tgt Ion:212 Resp: 4989
Ion Ratio Lower Upper
212 100
106 7.3 6.2 9.2
104 4.3 3.8 5.6



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





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

Instrument :

BNA_N

ClientSampleId :

PB131047BL

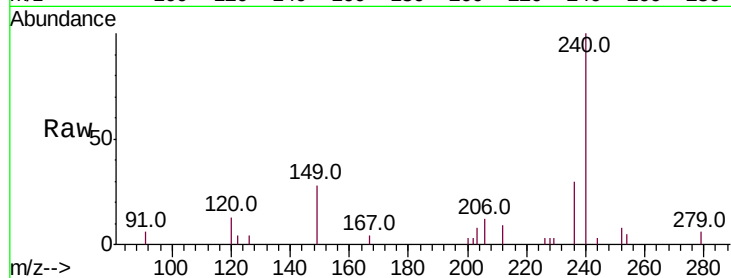
Tot Ion:240 Resp: 3592

Ion Ratio Lower Upper

240 100

120 12.9 7.4 11.0#

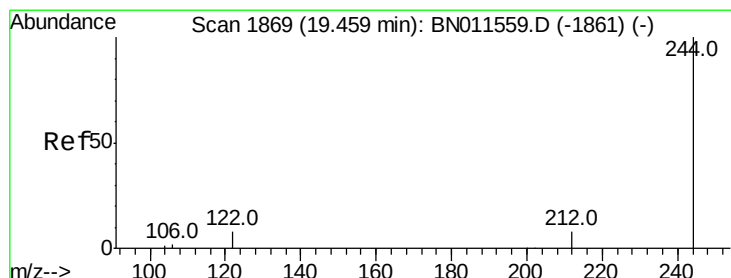
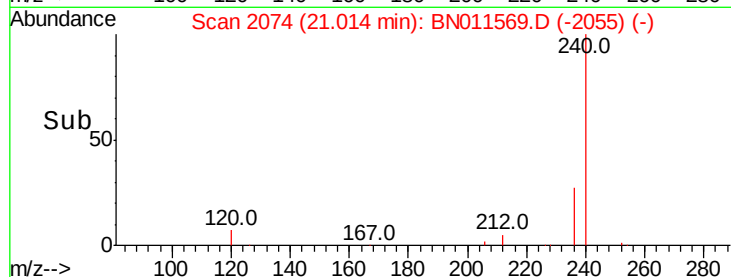
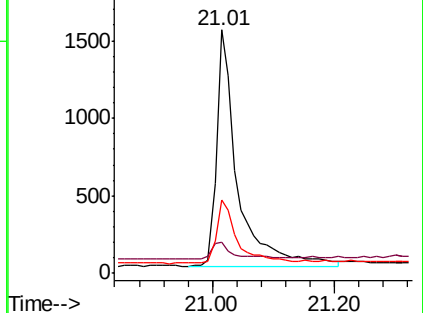
236 30.1 22.3 33.5



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



#31

Terphenyl-d14

Concen: 0.467 ng

RT: 19.46 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

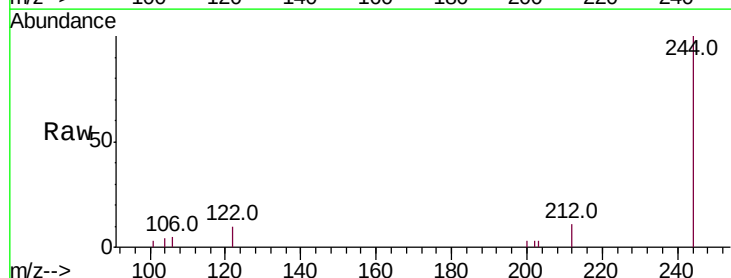
Tgt Ion:244 Resp: 4378

Ion Ratio Lower Upper

244 100

212 10.6 8.2 12.4

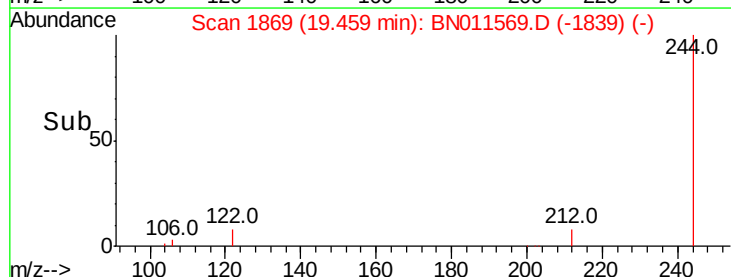
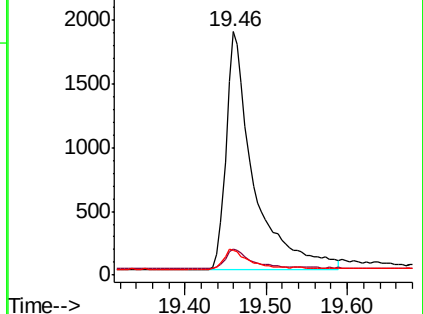
122 10.4 8.0 12.0

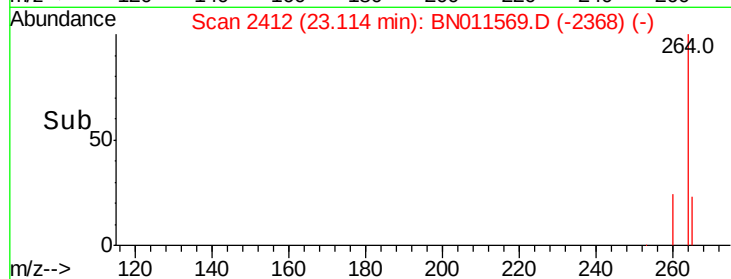
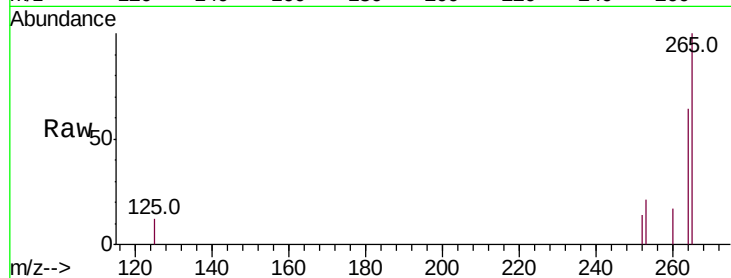
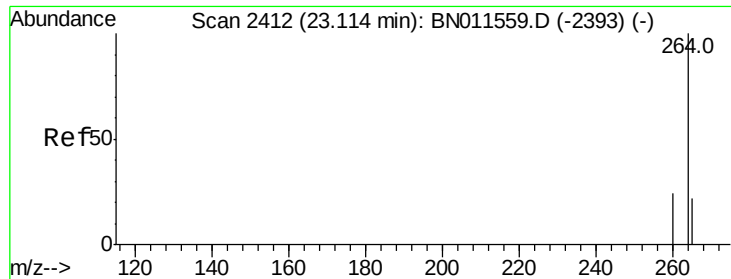


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN011569.D

Acq: 22 Aug 2020 03:39

Instrument :

BNA_N

ClientSampleId :

PB131047BL

Tot Ion:264 Resp: 3760

Ion Ratio Lower Upper

264 100

260 26.7 20.3 30.5

265 155.5 96.1 144.1#

