

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011565.D
 Acq On : 21 Aug 2020 21:49
 Operator : CG/JU
 Sample : PB131149BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131149BL

Quant Time: Aug 22 05:50:29 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

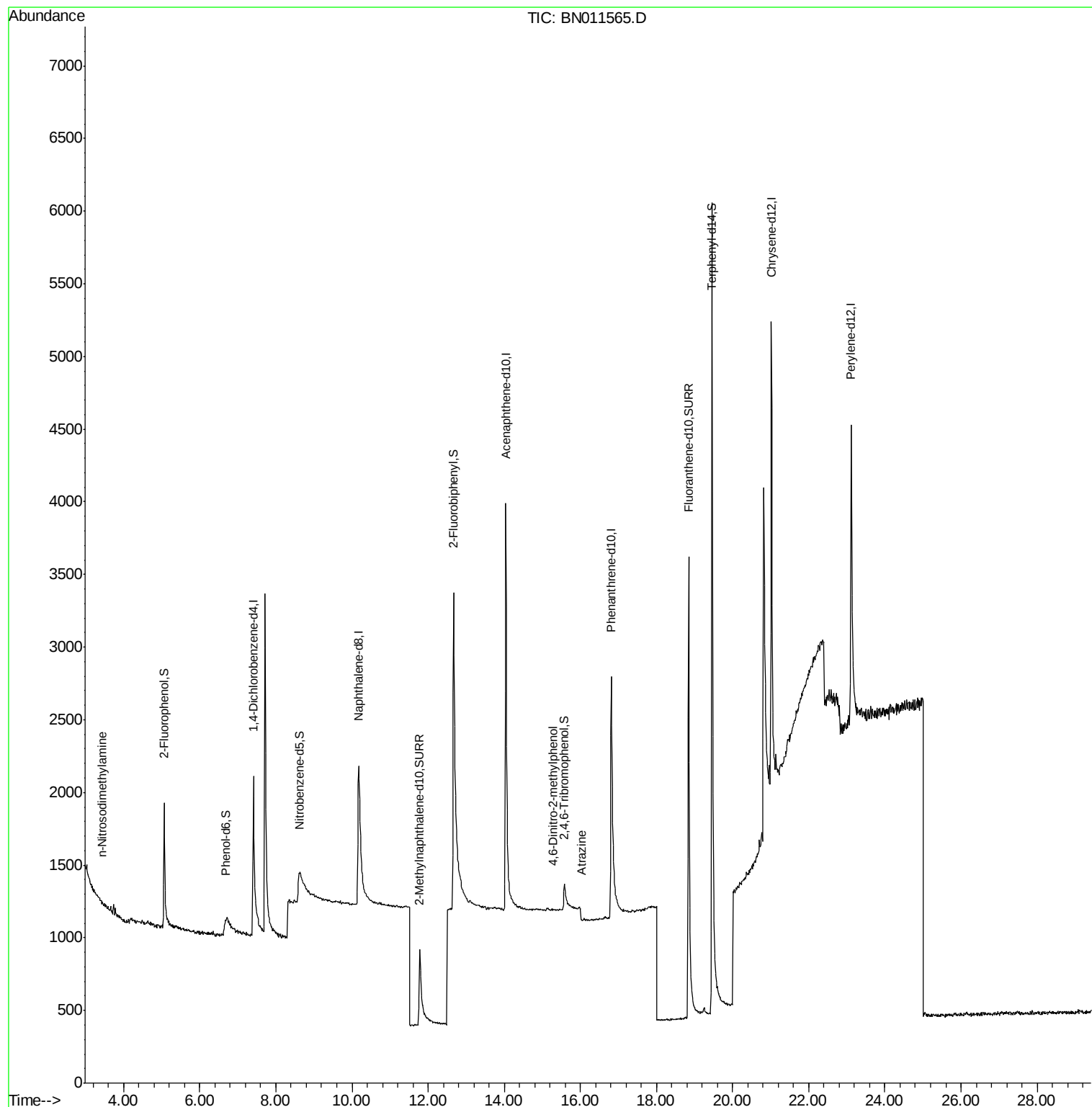
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1188	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3895	0.40	ng	0.03
13) Acenaphthene-d10	14.04	164	2883	0.40	ng	0.01
19) Phenanthrene-d10	16.81	188	5999	0.40	ng	0.02
29) Chrysene-d12	21.01	240	5325	0.40	ng	0.00
36) Perylene-d12	23.11	264	4179	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1198	0.47	ng	0.00
5) Phenol-d6	6.68	99	199	0.08	ng	0.06
8) Nitrobenzene-d5	8.63	82	834	0.33	ng	0.08
11) 2-Methylnaphthalene-d10	11.78	152	2013	0.29	ng	0.03
14) 2,4,6-Tribromophenol	15.57	330	414	0.29	ng	0.03
15) 2-Fluorobiphenyl	12.67	172	4701	0.40	ng	0.01
27) Fluoranthene-d10	18.84	212	6579	0.33	ng	0.00
31) Terphenyl-d14	19.46	244	9957	0.72	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	19	0.028	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.28	198	2	0.177	ng	# 43
23) Atrazine	16.03	200	101	0.032	ng	# 14

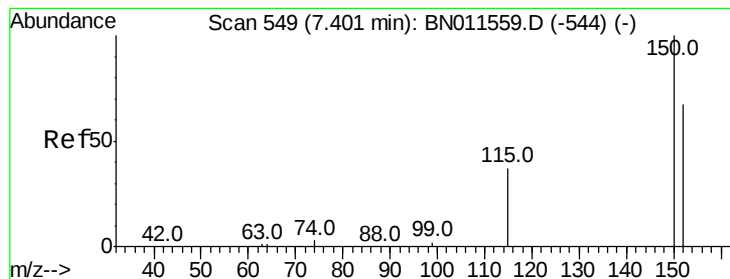
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 550

Delta R.T. 0.01 min

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Instrument :

BNA_N

ClientSampleId :

PB131149BL

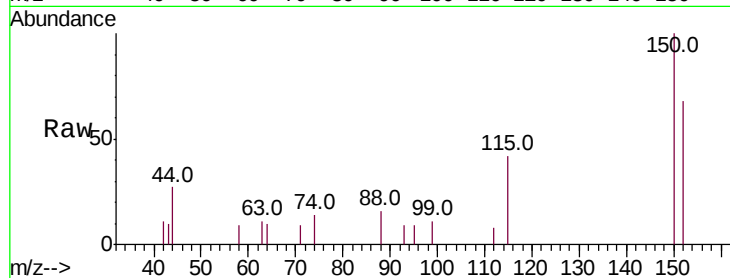
Tot Ion:152 Resp: 1188

Ion Ratio Lower Upper

152 100

150 147.8 117.1 175.7

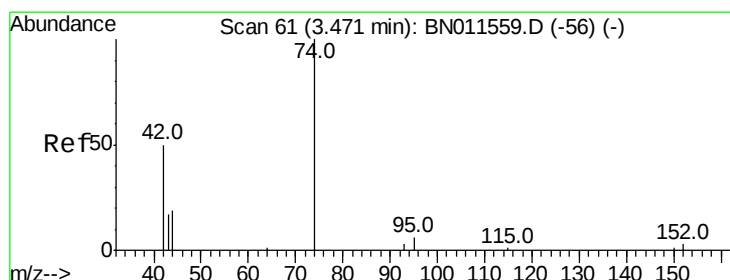
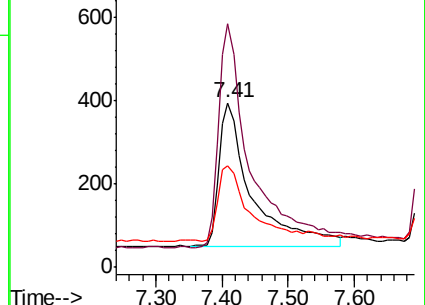
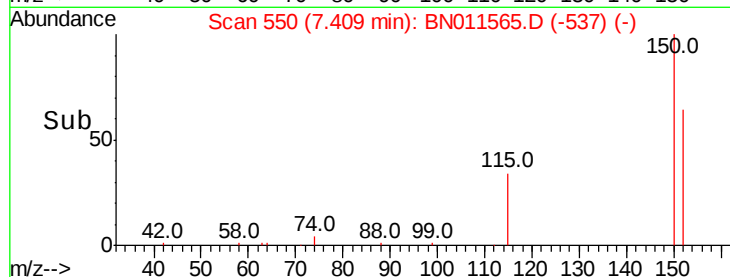
115 61.5 48.7 73.1



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: 0.028 ng

RT: 3.45 min Scan# 58

Delta R.T. -0.02 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

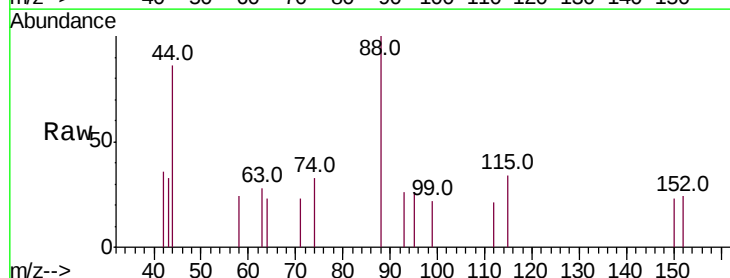
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

74 26.3 169.0 253.4#

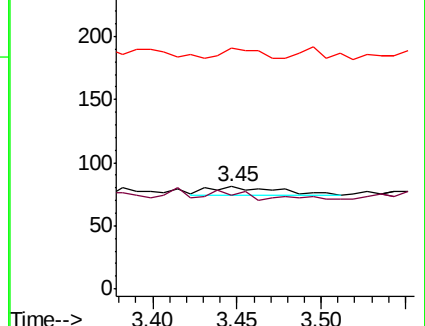
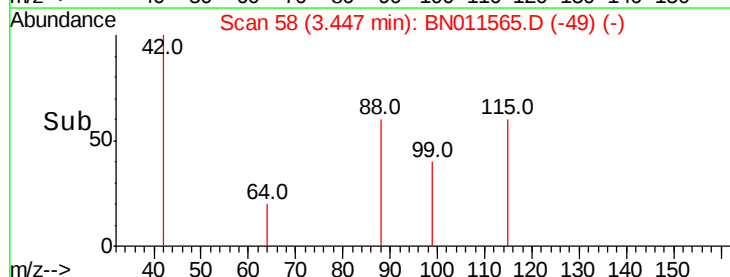
44 57.9 21.6 32.4#

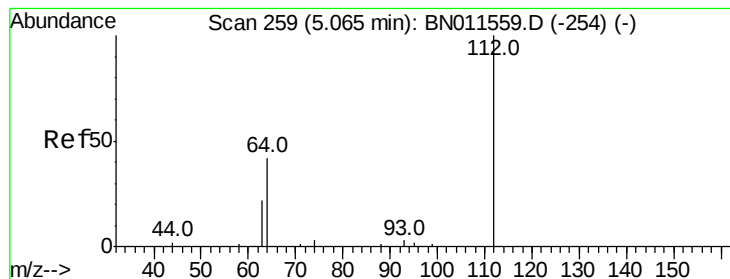


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.472 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

Instrument :

BNA_N

ClientSampleId :

PB131149BL

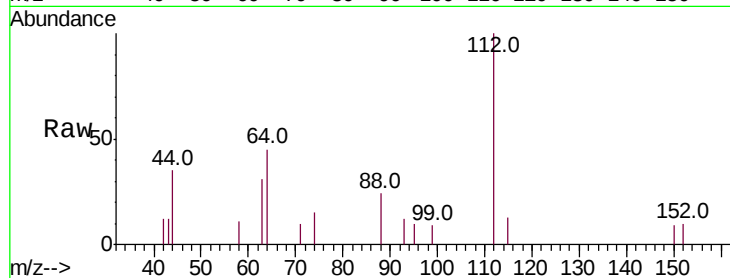
Tot Ion:112 Resp: 1198

Ion Ratio Lower Upper

112 100

64 40.1 33.9 50.9

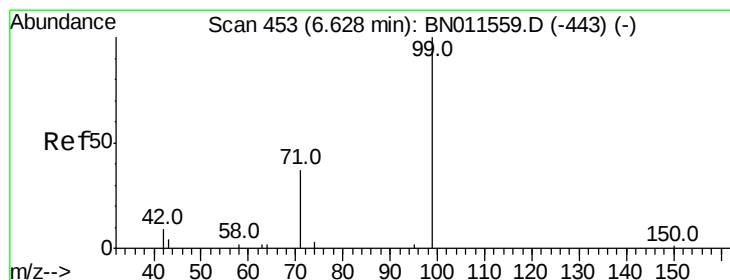
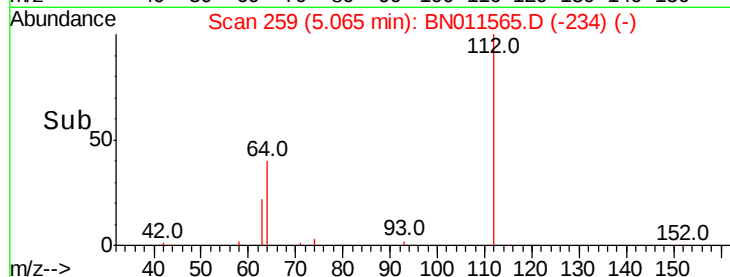
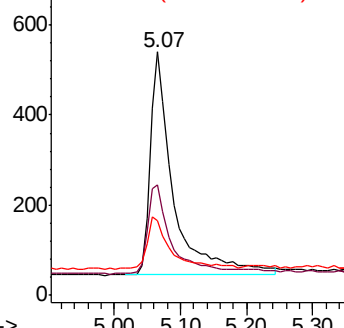
63 23.1 17.7 26.5



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.078 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.06 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

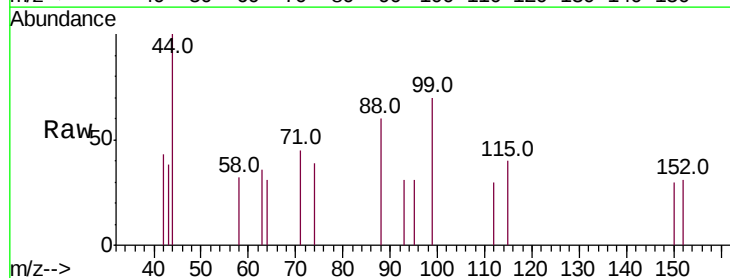
Tgt Ion: 99 Resp: 199

Ion Ratio Lower Upper

99 100

42 11.1 9.0 13.4

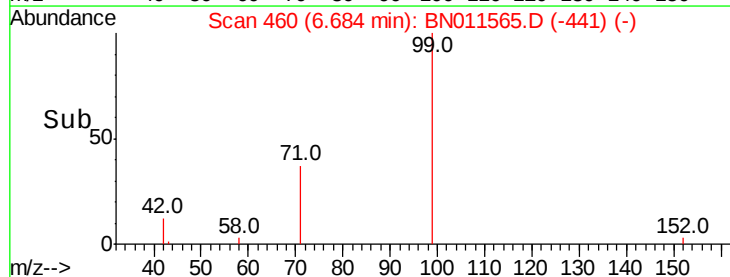
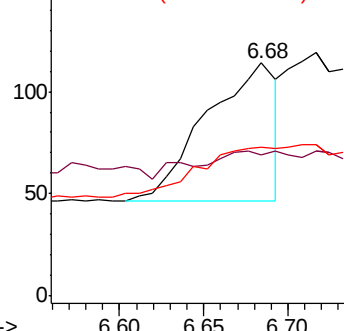
71 0.0 30.4 45.6#

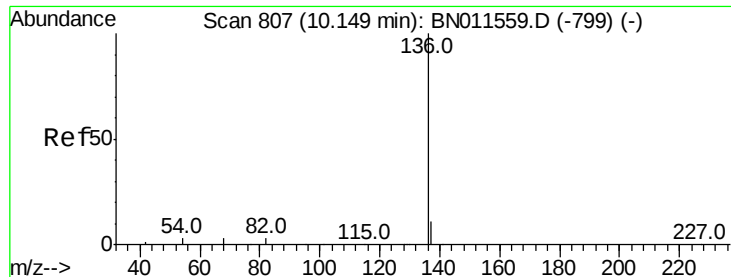


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. 0.03 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

Instrument :

BNA_N

ClientSampleId :

PB131149BL

Tot Ion:136 Resp: 3895

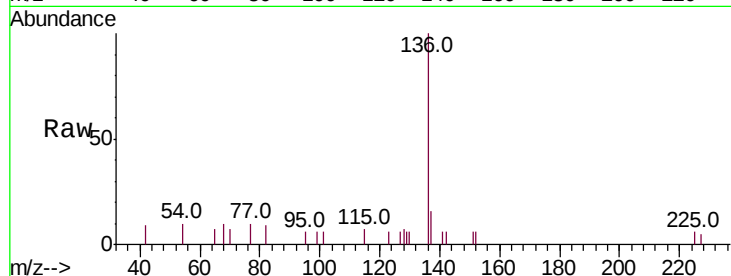
Ion Ratio Lower Upper

136 100

137 16.0 11.0 16.4

54 9.6 4.3 6.5#

68 9.5 4.9 7.3#

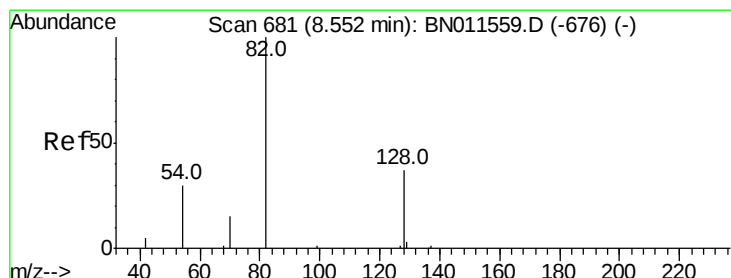
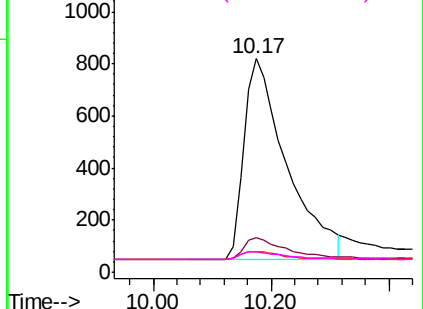
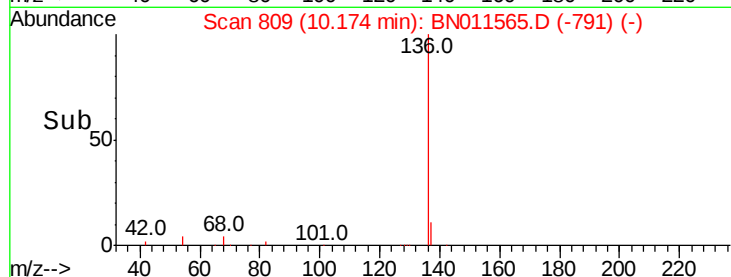


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.326 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.08 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

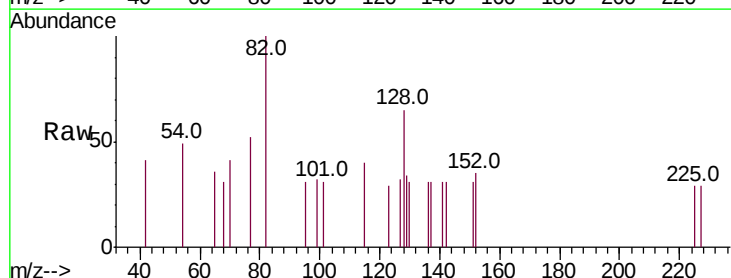
Tgt Ion: 82 Resp: 834

Ion Ratio Lower Upper

82 100

128 64.7 41.7 62.5#

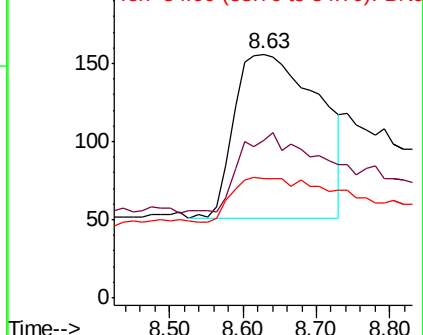
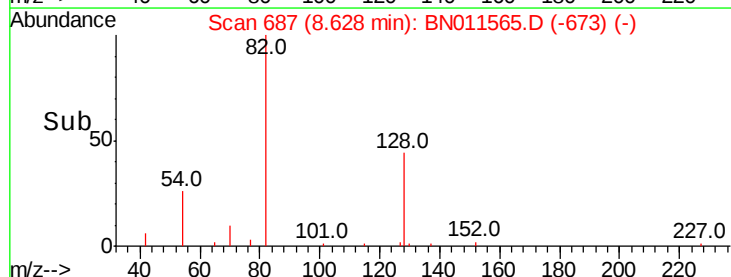
54 48.7 34.4 51.6

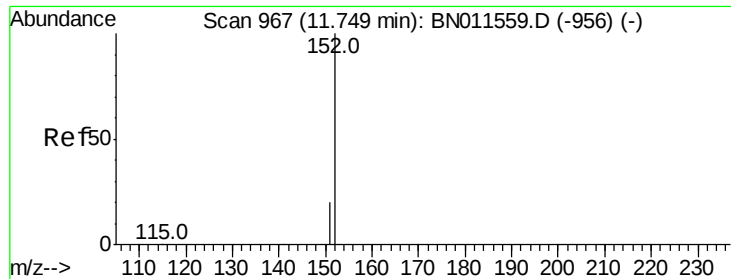


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

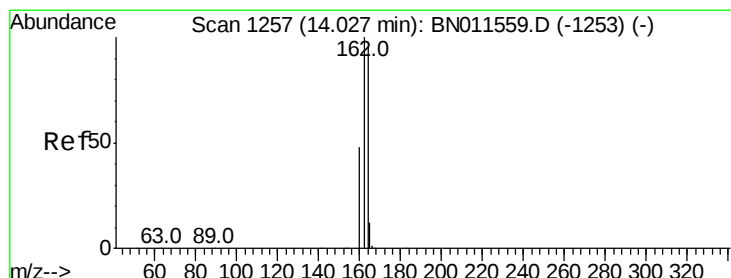
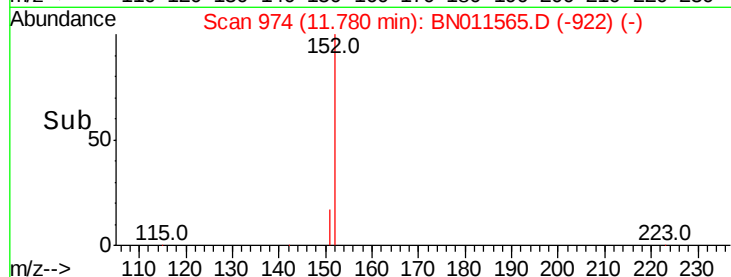
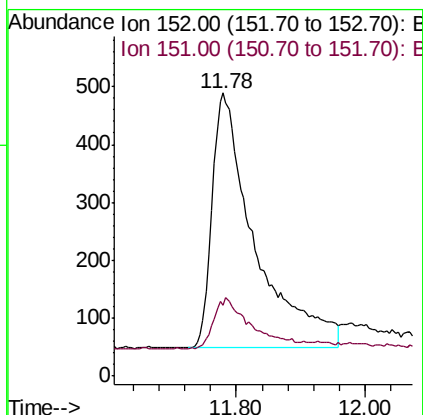
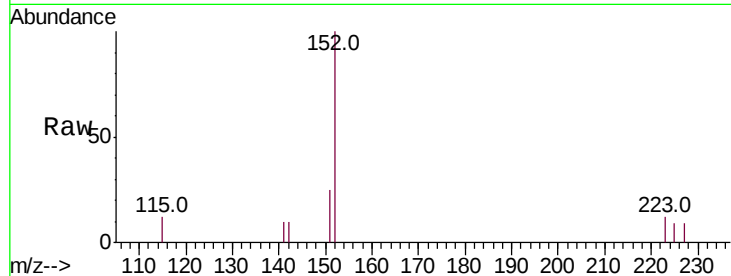




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 11.78 min Scan# 974
Delta R.T. 0.03 min
Lab File: BN011565.D
Acq: 21 Aug 2020 21:49

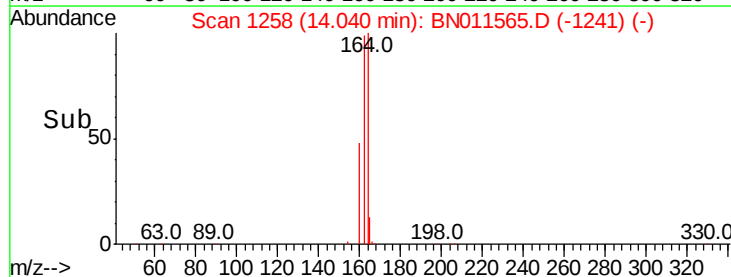
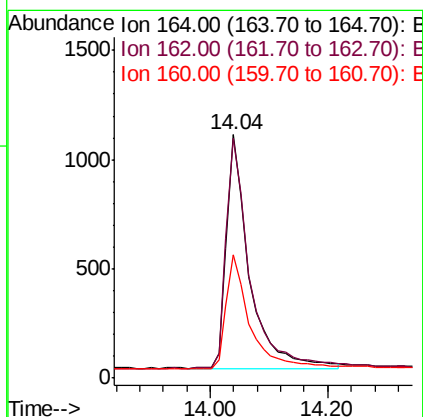
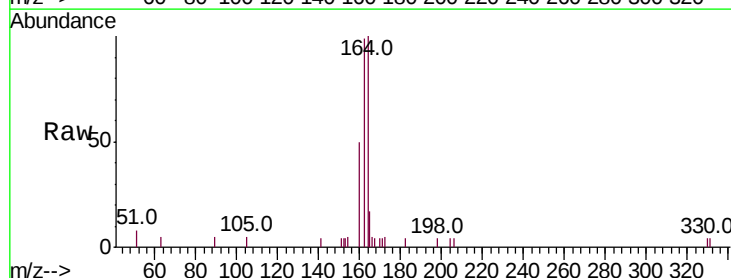
Instrument :
BNA_N
ClientSampleId :
PB131149BL

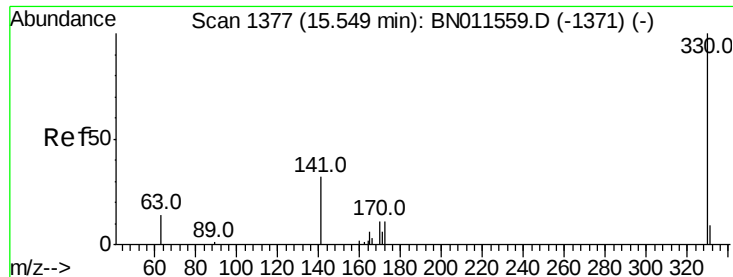
Tot Ion:152 Resp: 2013
Ion Ratio Lower Upper
152 100
151 17.2 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BN011565.D
Acq: 21 Aug 2020 21:49

Tgt Ion:164 Resp: 2883
Ion Ratio Lower Upper
164 100
162 98.6 83.7 125.5
160 50.4 41.1 61.7

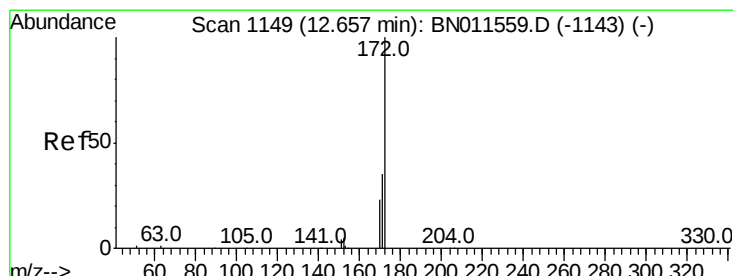
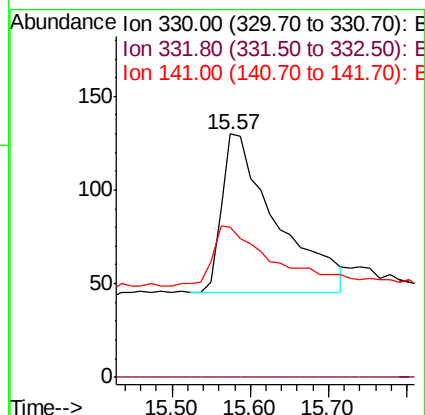
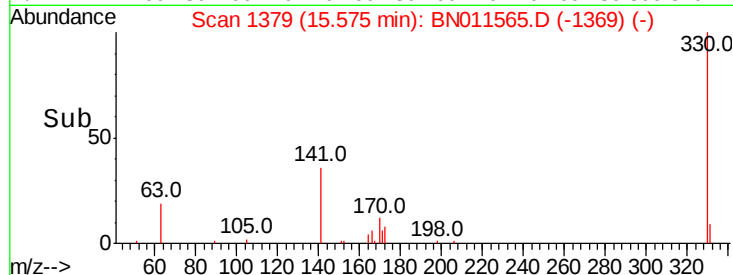
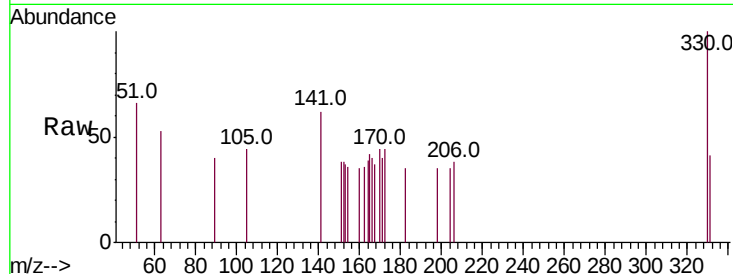




#14
 2,4,6-Tribromophenol
 Concen: 0.288 ng
 RT: 15.57 min Scan# 1379
 Delta R.T. 0.03 min
 Lab File: BN011565.D
 Acq: 21 Aug 2020 21:49

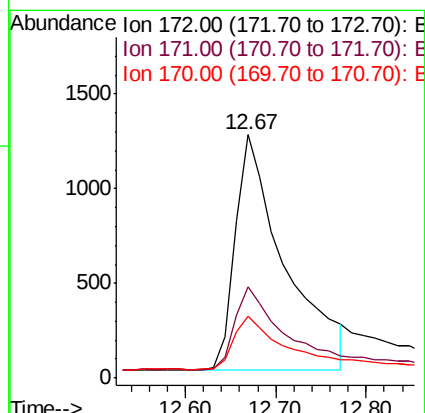
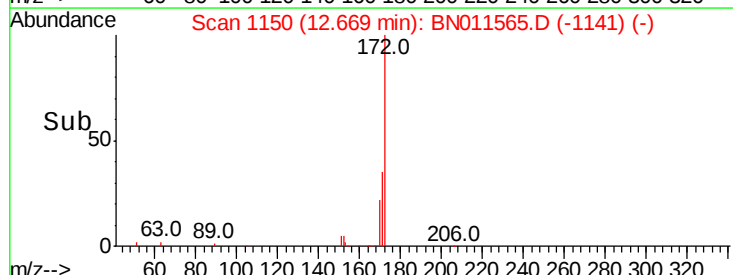
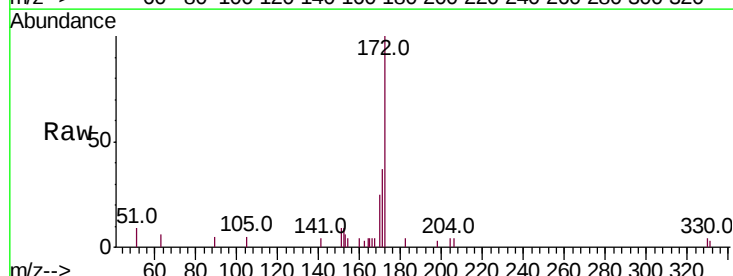
Instrument :
 BNA_N
 ClientSampleId :
 PB131149BL

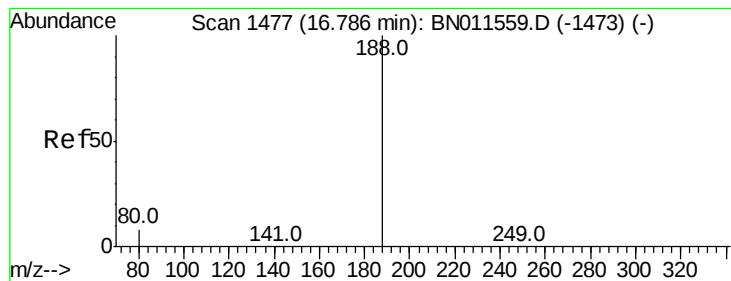
Tot Ion:330 Resp: 414
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.4 34.6 52.0



#15
 2-Fluorobiphenyl
 Concen: 0.396 ng
 RT: 12.67 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BN011565.D
 Acq: 21 Aug 2020 21:49

Tgt Ion:172 Resp: 4701
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.2 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: BN011565.D

Acq: 21 Aug 2020 21:49

Instrument:

BNA_N

ClientSampleId:

PB131149BL

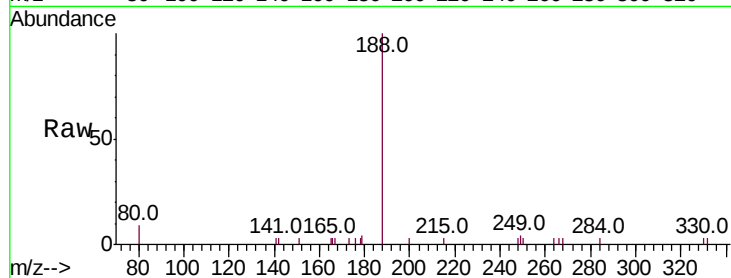
Tot Ion:188 Resp: 5999

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

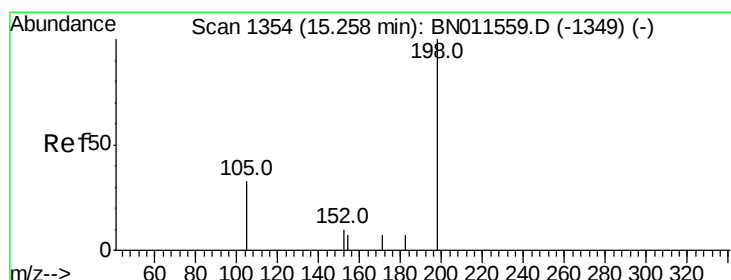
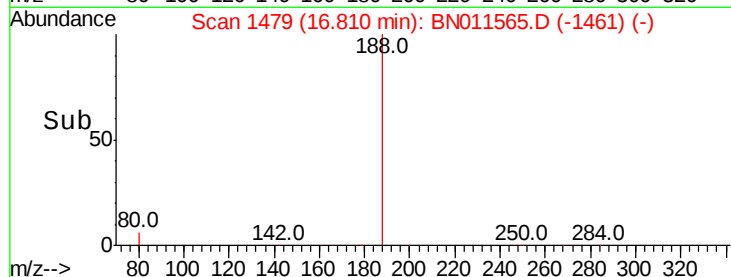
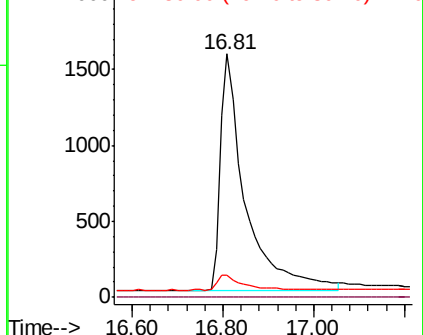
80 9.0 7.6 11.4



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: 0.177 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.03 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

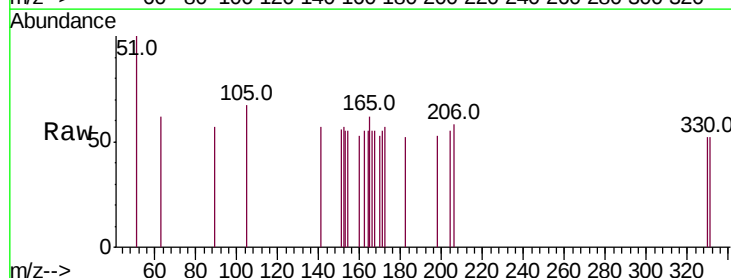
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 187.0 89.4 134.2#

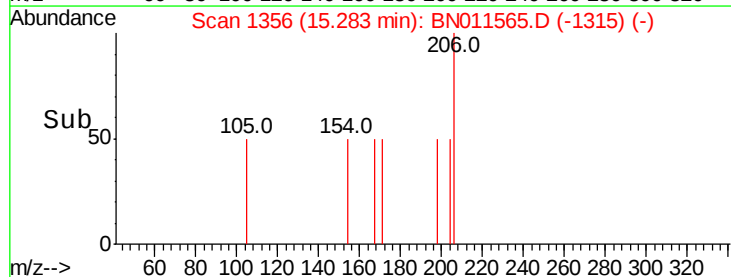
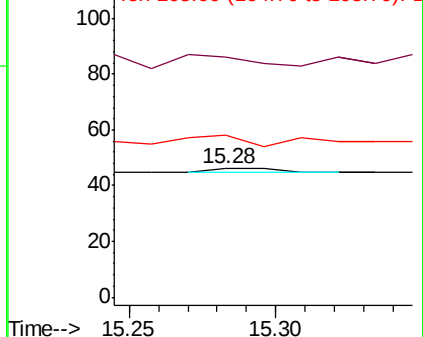
105 126.1 70.6 105.8#

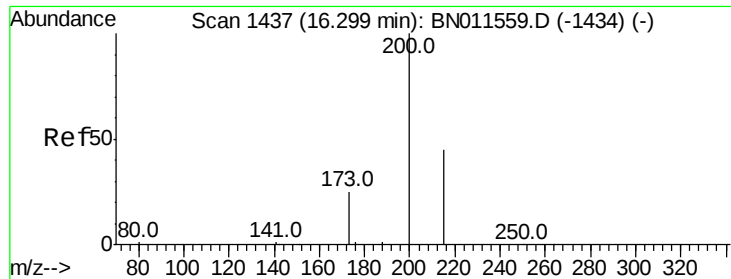


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.032 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.27 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

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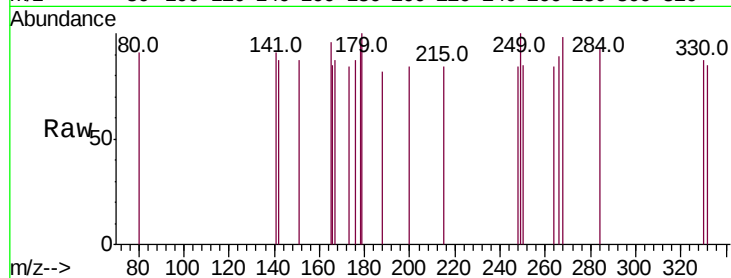
Tot Ion:200 Resp: 101

Ion Ratio Lower Upper

200 100

173 100.0 27.7 41.5#

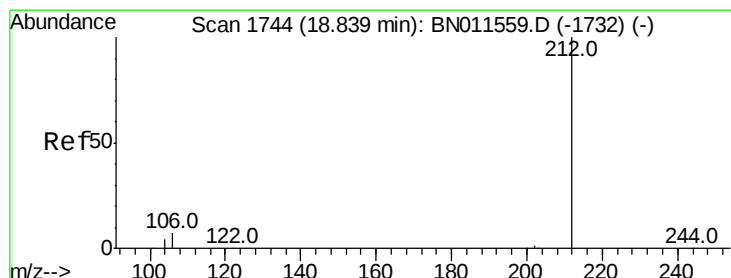
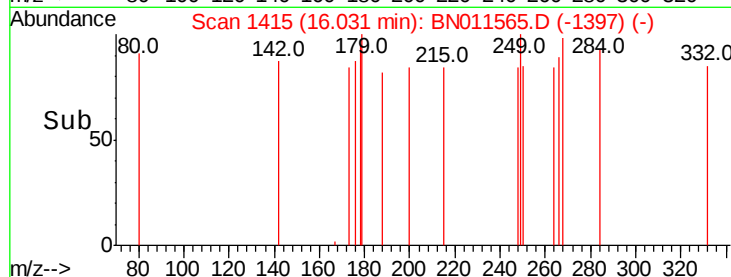
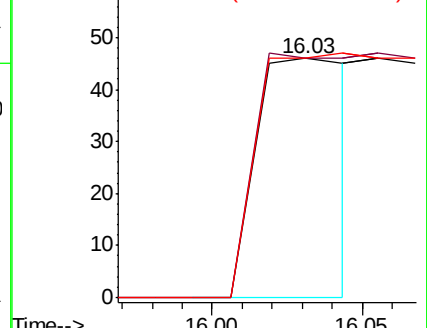
215 100.0 41.5 62.3#



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: 0.325 ng

RT: 18.84 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

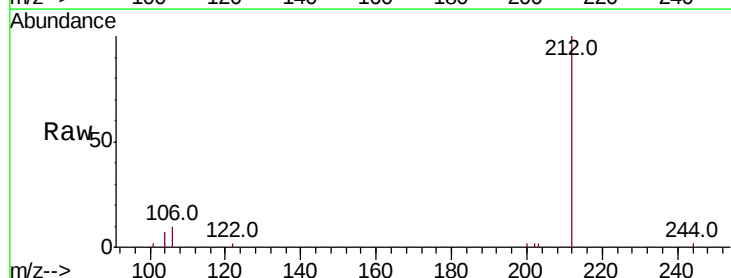
Tgt Ion:212 Resp: 6579

Ion Ratio Lower Upper

212 100

106 7.3 6.2 9.2

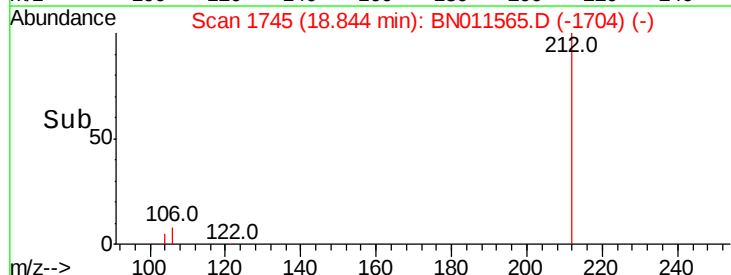
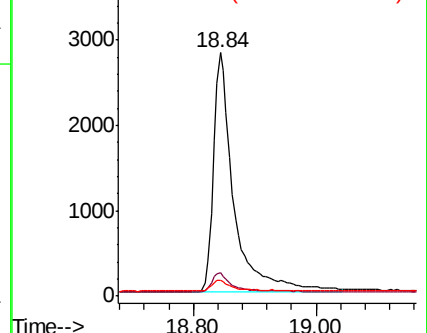
104 4.5 3.8 5.6

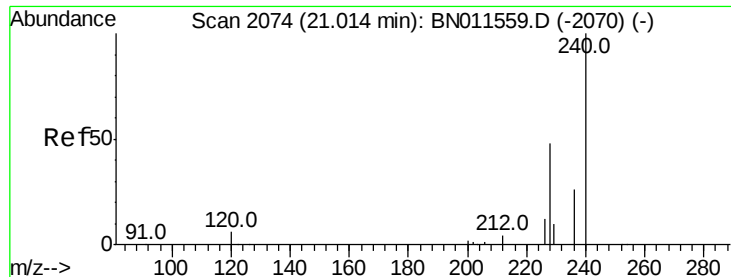


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011565.D

Acq: 21 Aug 2020 21:49

Instrument :

BNA_N

ClientSampleId :

PB131149BL

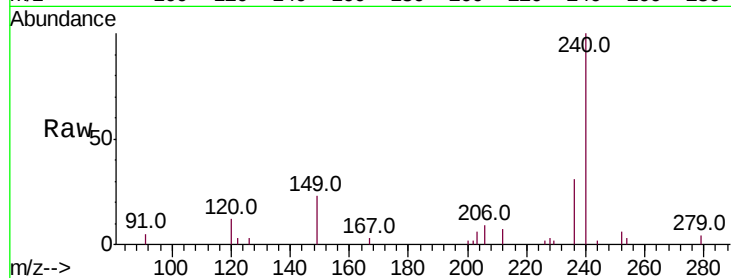
Tot Ion:240 Resp: 5325

Ion Ratio Lower Upper

240 100

120 12.2 7.4 11.0#

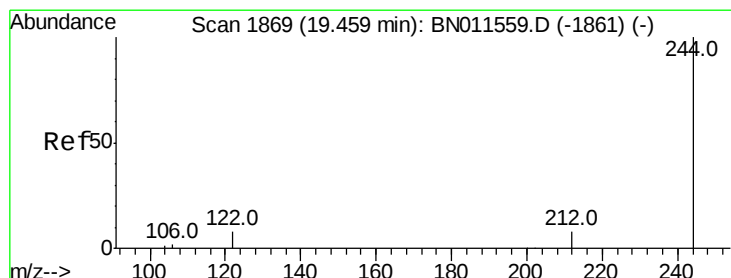
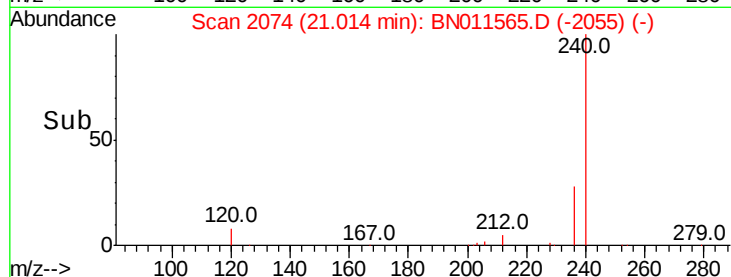
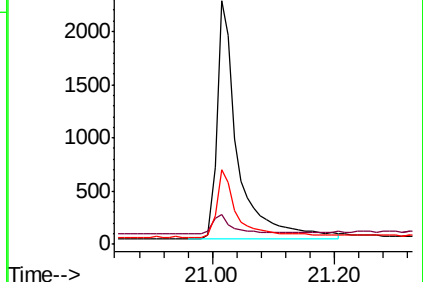
236 30.6 22.3 33.5



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



#31

Terphenyl-d14

Concen: 0.717 ng

RT: 19.46 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN011565.D

Acq: 21 Aug 2020 21:49

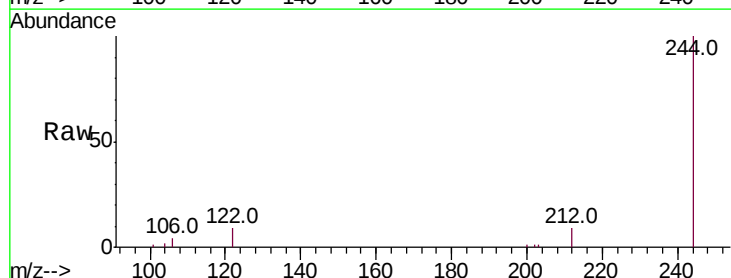
Tgt Ion:244 Resp: 9957

Ion Ratio Lower Upper

244 100

212 9.2 8.2 12.4

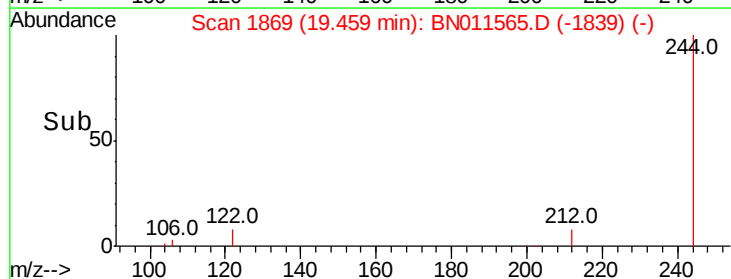
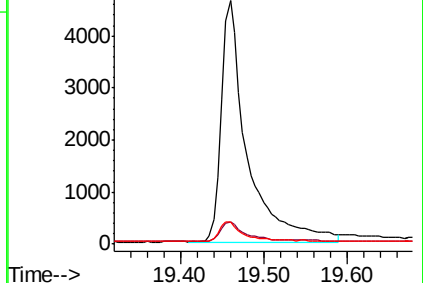
122 9.1 8.0 12.0

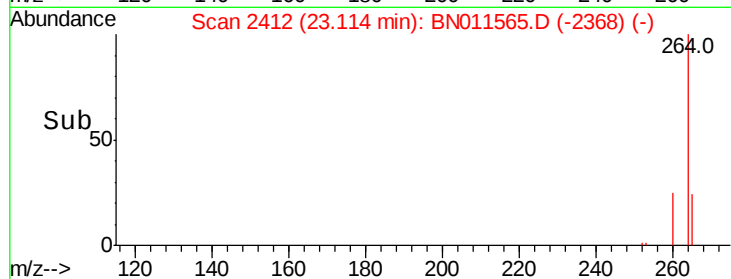
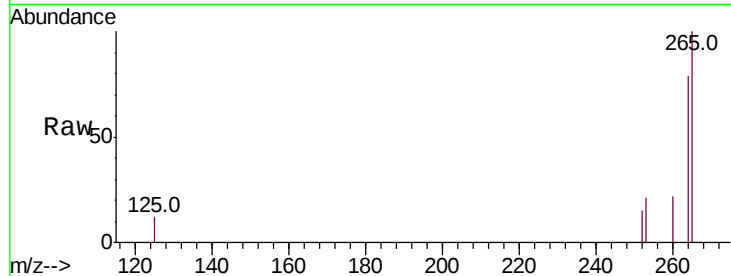
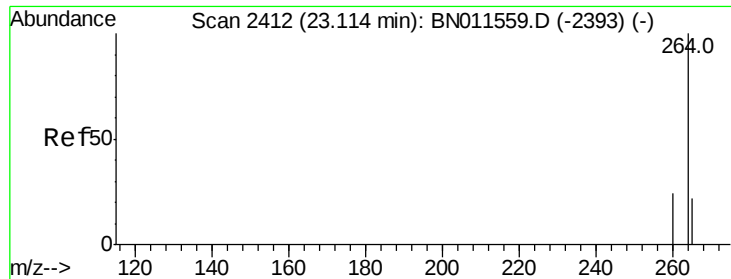


Abundance Ion 244.00 (243.70 to 244.70): E

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: BN011565.D

Acq: 21 Aug 2020 21:49

Instrument :

BNA_N

ClientSampleId :

PB131149BL

Tot Ion:264 Resp: 4179

Ion Ratio Lower Upper

264 100

260 27.2 20.3 30.5

265 126.4 96.1 144.1

