

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011091.D
 Acq On : 02 Jul 2020 18:18
 Operator : CG/JU
 Sample : PB129885BL
 Misc : MDL-WTR-PBBL-02
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

Quant Time: Jul 02 19:41:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

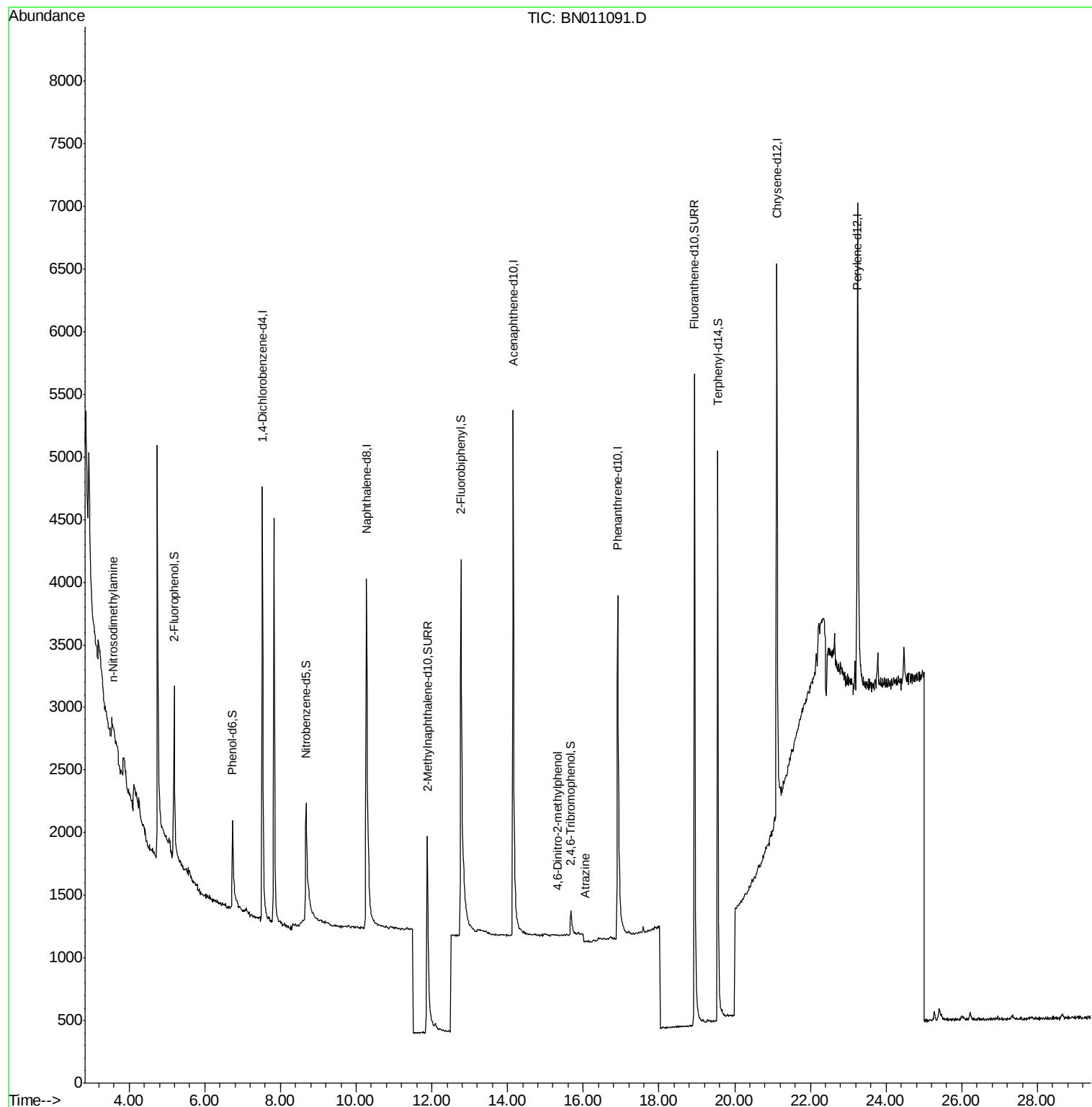
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2264	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6887	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	3690	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	7375	0.40	ng	0.01
29) Chrysene-d12	21.11	240	6317	0.40	ng	0.00
36) Perylene-d12	23.25	264	6546	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1672	0.30	ng	0.00
5) Phenol-d6	6.74	99	1483	0.23	ng	0.00
8) Nitrobenzene-d5	8.68	82	1952	0.33	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	4356	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.67	330	333	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	5112	0.29	ng	0.01
27) Fluoranthene-d10	18.94	212	8940	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	6348	0.39	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	40	0.025	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.31	198	2	0.092	ng	# 24
23) Atrazine	16.06	200	236	0.068	ng	# 10

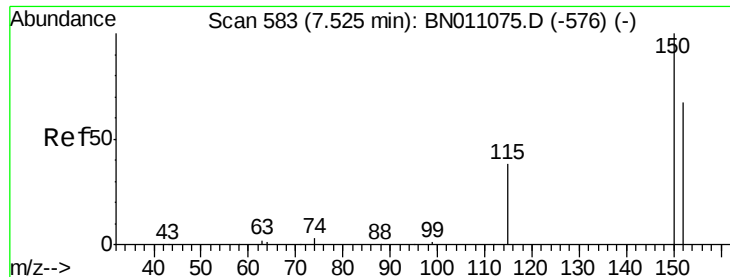
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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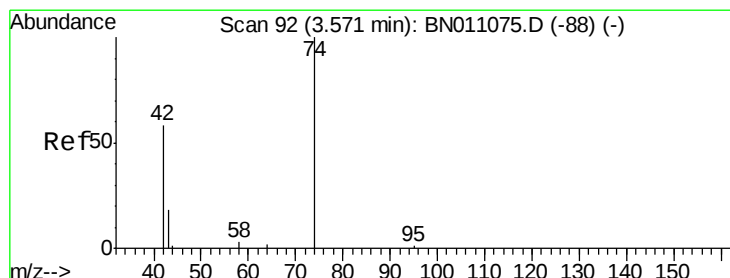
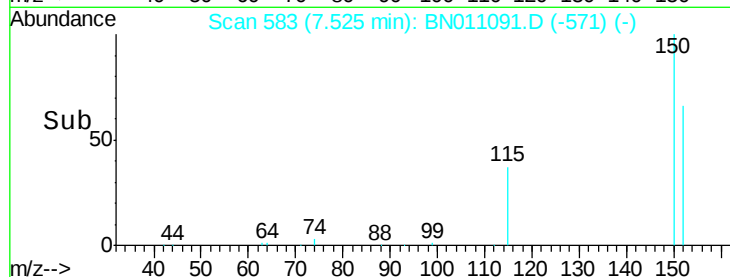
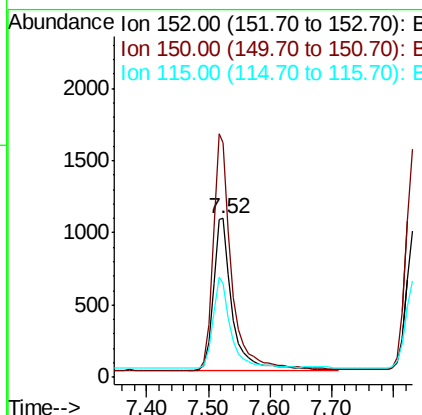
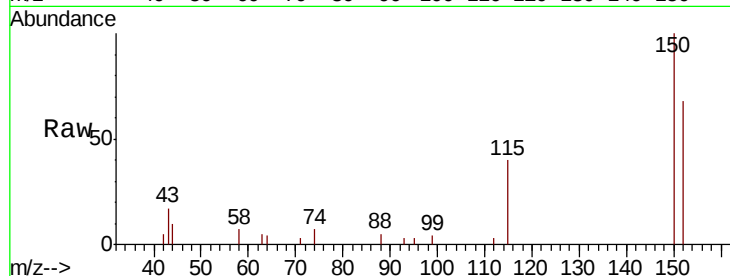


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011091.D
Acq: 02 Jul 2020 18:18

Instrument :
BNA_N
ClientSampleId :
PB129885BL

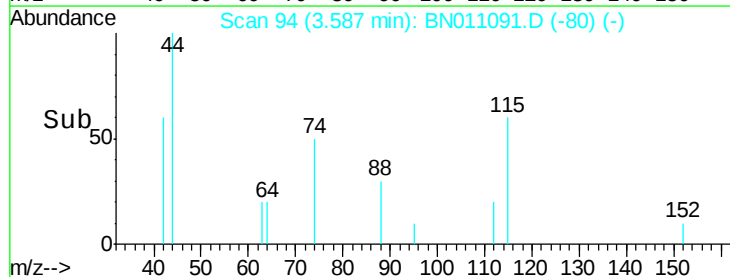
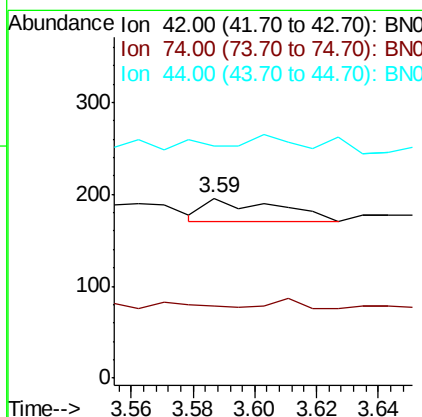
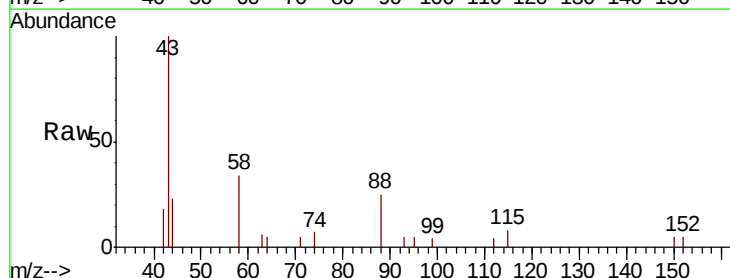
Tot Ion:152 Resp: 2264
Ion Ratio Lower Upper
152 100
150 148.0 117.4 176.0
115 59.0 47.9 71.9

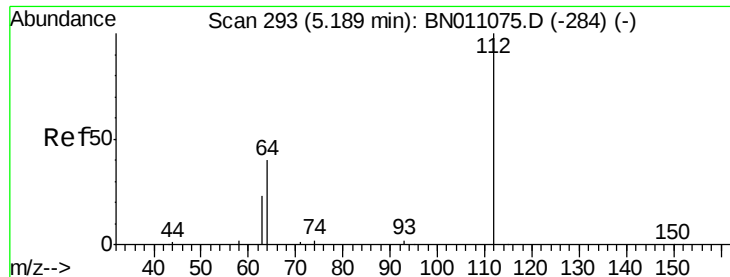


#3

n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.59 min Scan# 94
Delta R.T. 0.02 min
Lab File: BN011091.D
Acq: 02 Jul 2020 18:18

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 22.5 142.5 213.7#
44 0.0 0.0 0.0





#4

2-Fluorophenol

Concen: 0.297 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

Instrument :

BNA_N

ClientSampleId :

PB129885BL

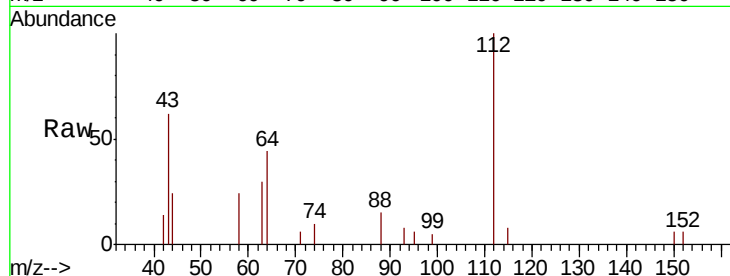
Tot Ion:112 Resp: 1672

Ion Ratio Lower Upper

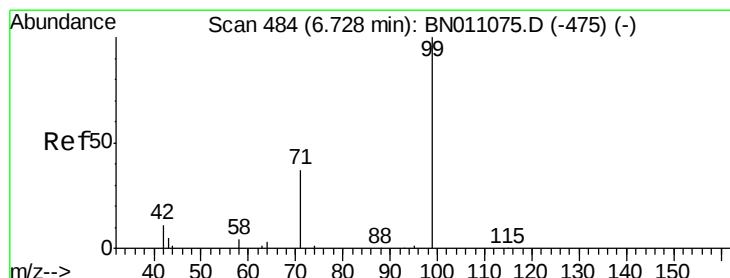
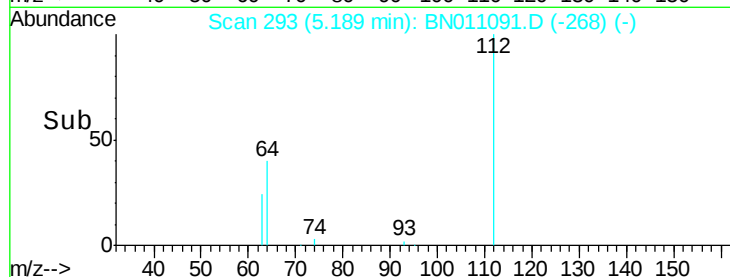
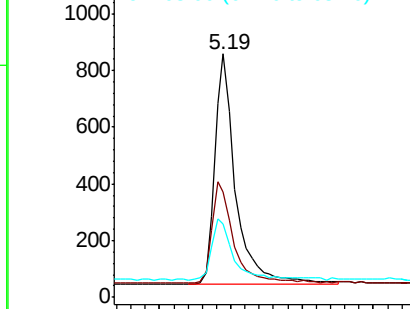
112 100

64 45.1 36.5 54.7

63 25.8 20.6 30.8



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: 0.229 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

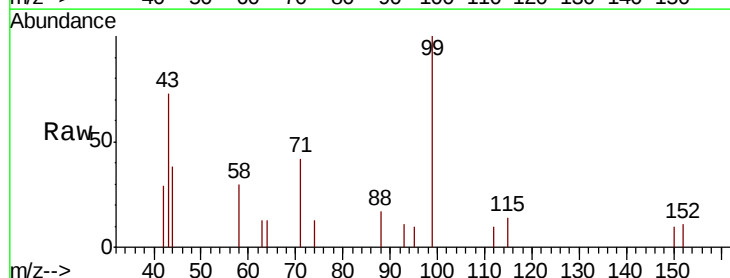
Tgt Ion: 99 Resp: 1483

Ion Ratio Lower Upper

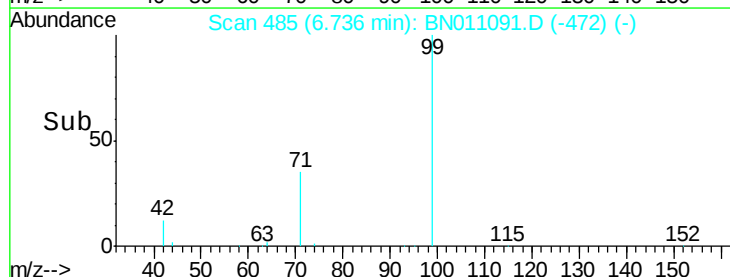
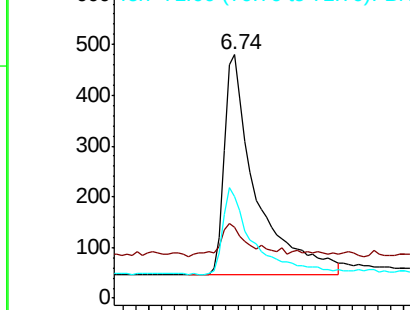
99 100

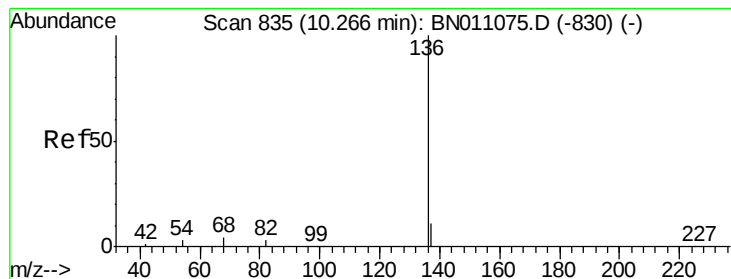
42 14.2 9.8 14.8

71 37.8 30.7 46.1



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: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

Instrument :

BNA_N

ClientSampleId :

PB129885BL

Tot Ion:136 Resp: 6887

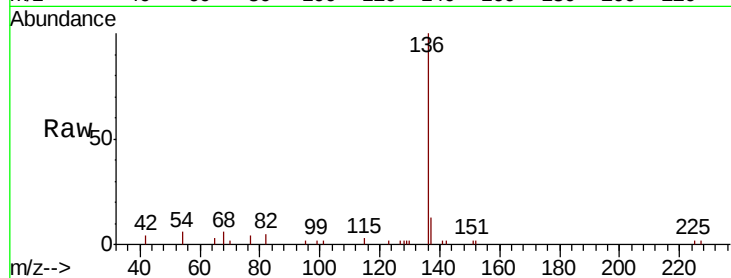
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 5.8 3.8 5.6#

68 5.5 4.3 6.5

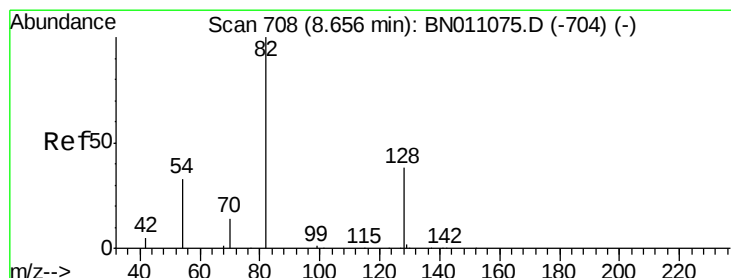
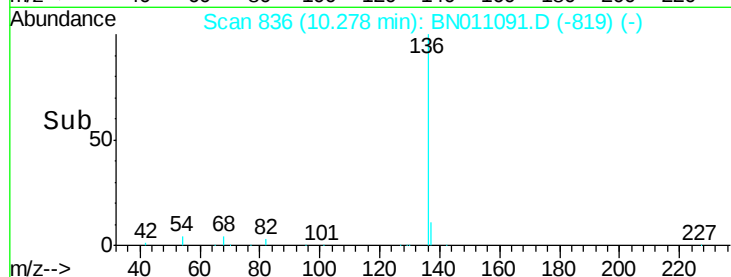
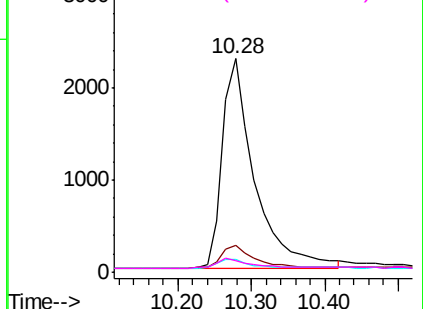


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

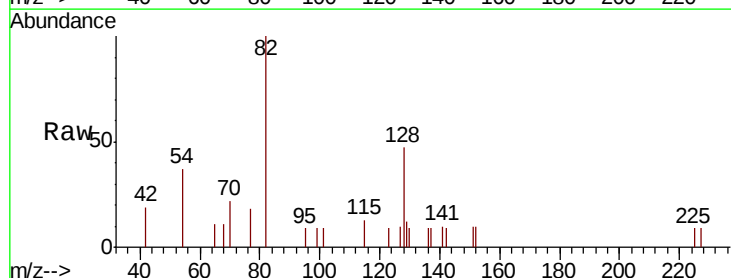
Tgt Ion: 82 Resp: 1952

Ion Ratio Lower Upper

82 100

128 47.3 34.2 51.2

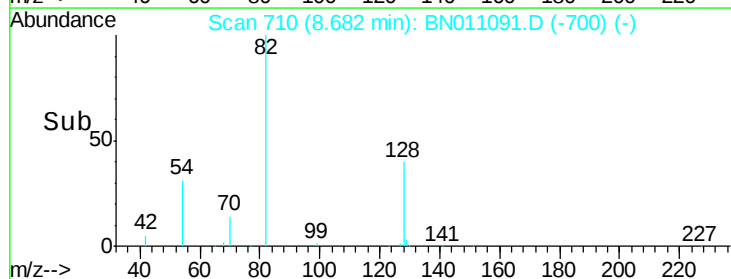
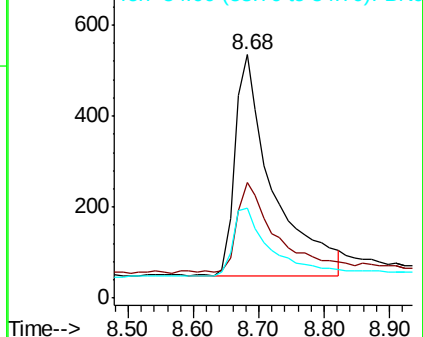
54 37.0 29.4 44.0

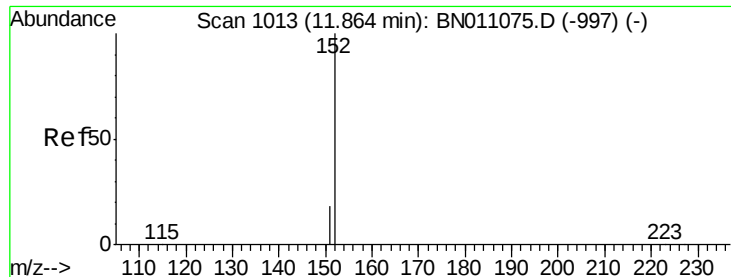


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

Instrument :

BNA_N

ClientSampleId :

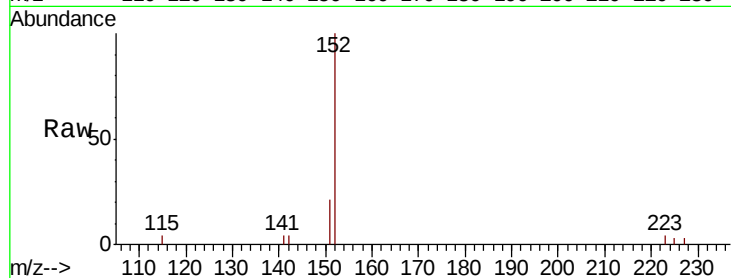
PB129885BL

Tot Ion:152 Resp: 4356

Ion Ratio Lower Upper

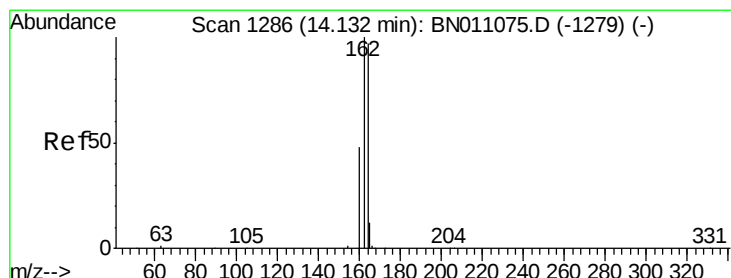
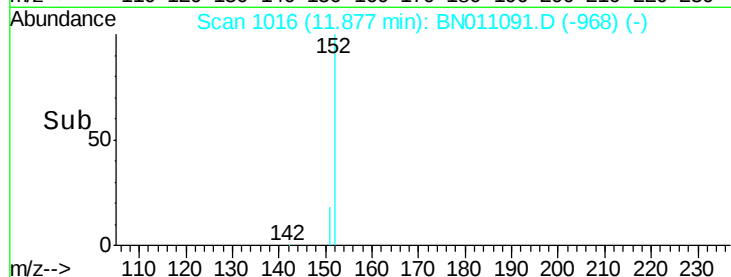
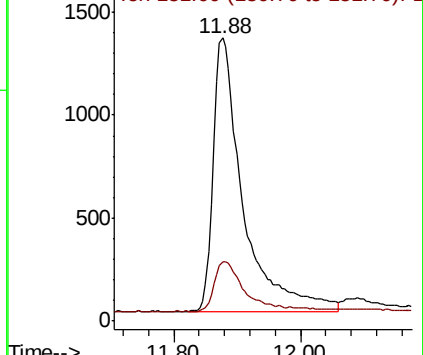
152 100

151 19.3 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

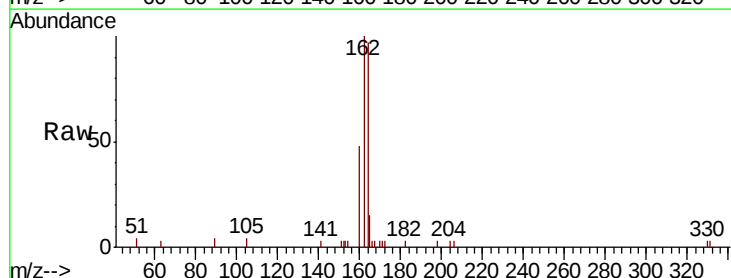
Tgt Ion:164 Resp: 3690

Ion Ratio Lower Upper

164 100

162 102.6 82.3 123.5

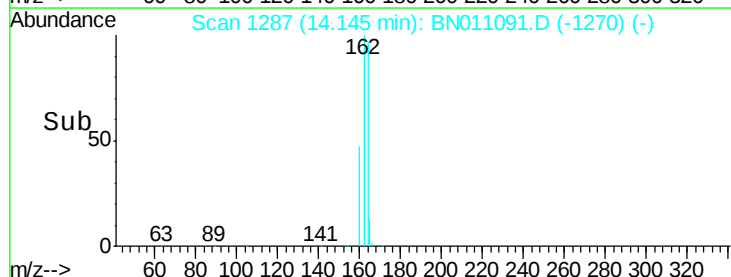
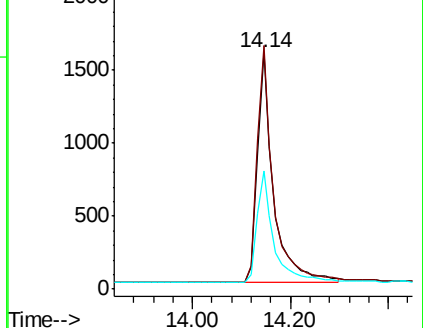
160 49.6 40.6 61.0

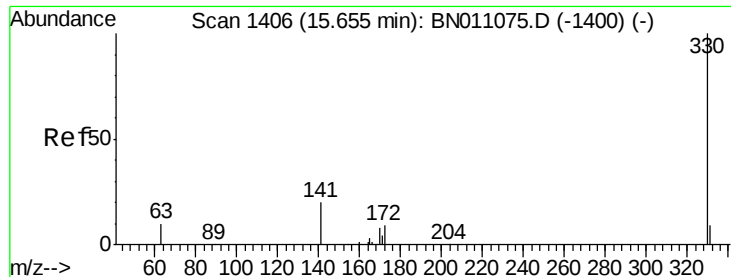


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

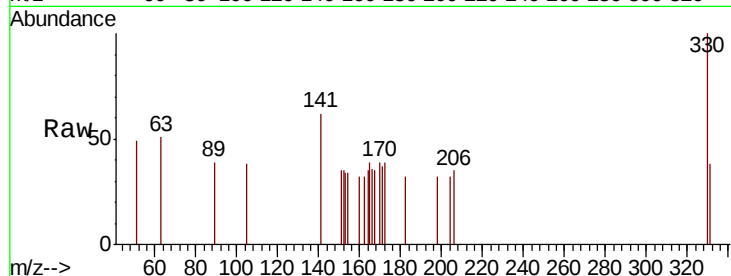




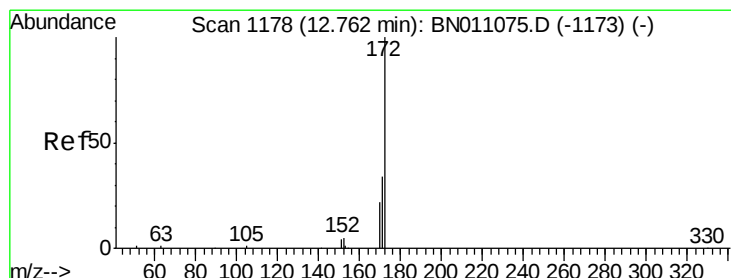
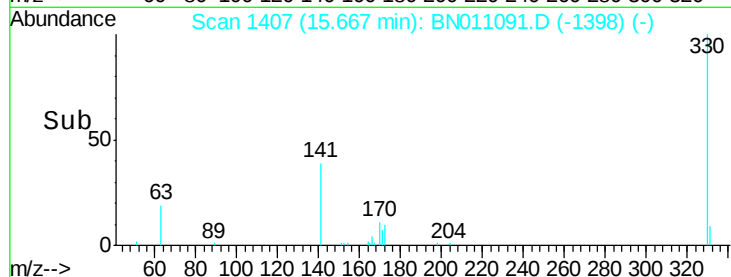
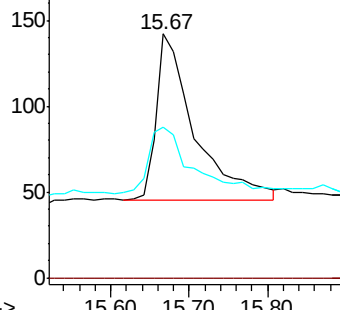
#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.67 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BN011091.D
Acq: 02 Jul 2020 18:18

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:330 Resp: 333
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.5 32.6 49.0

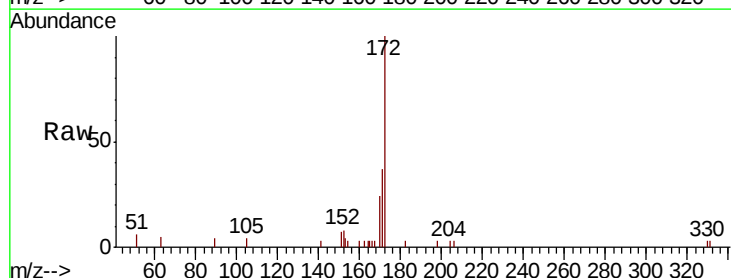


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

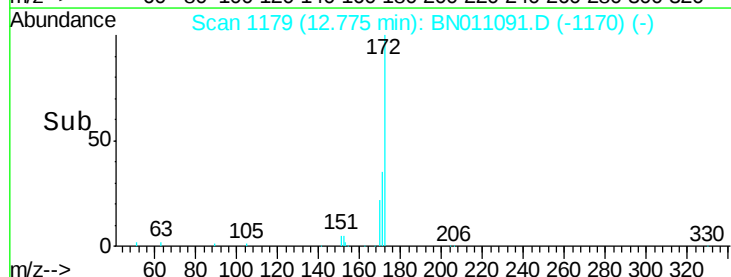
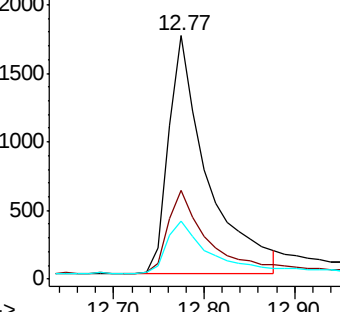


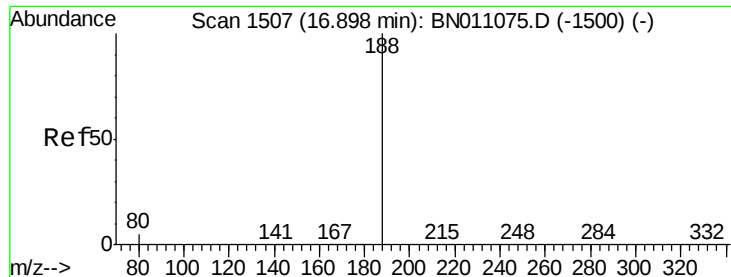
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011091.D
Acq: 02 Jul 2020 18:18

Tgt Ion:172 Resp: 5112
Ion Ratio Lower Upper
172 100
171 36.6 27.9 41.9
170 23.9 18.7 28.1



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: 16.91 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

Instrument :

BNA_N

ClientSampleId :

PB129885BL

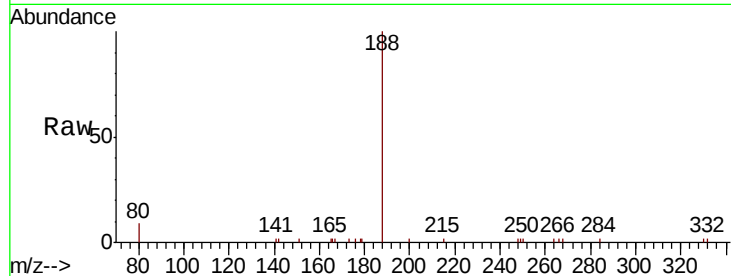
Tot Ion:188 Resp: 7375

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

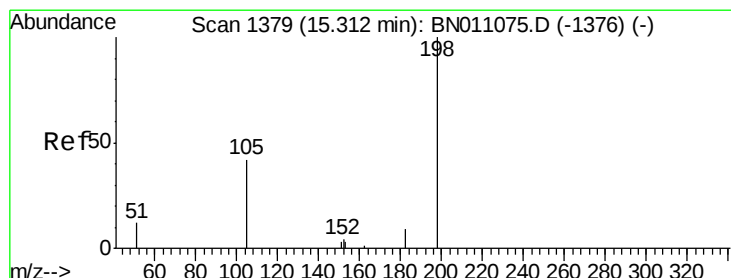
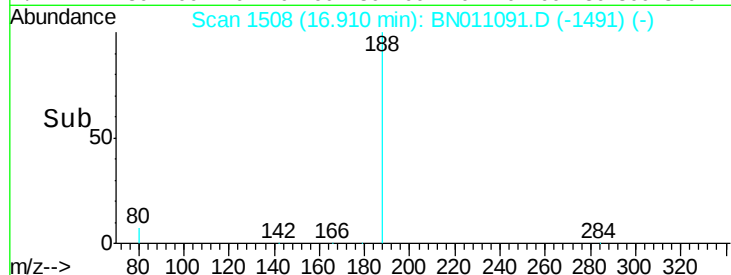
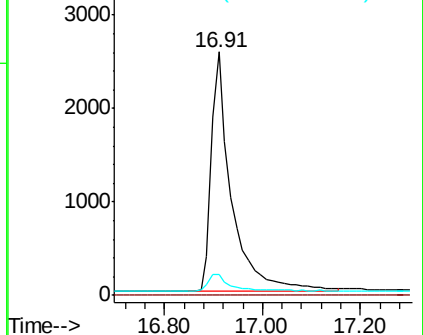
80 8.6 5.3 7.9#



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: 0.092 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

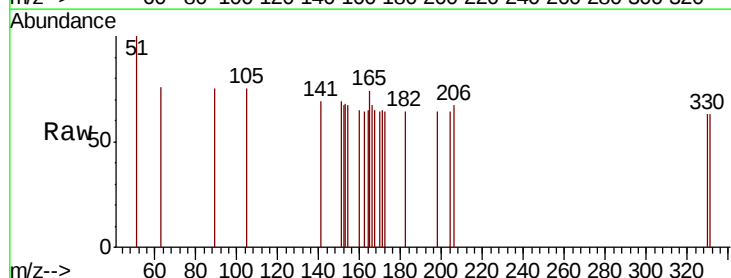
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 156.5 58.2 87.4#

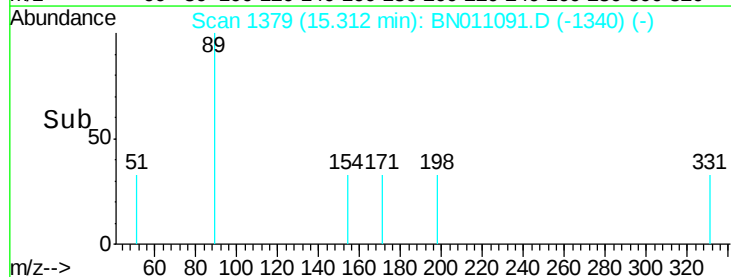
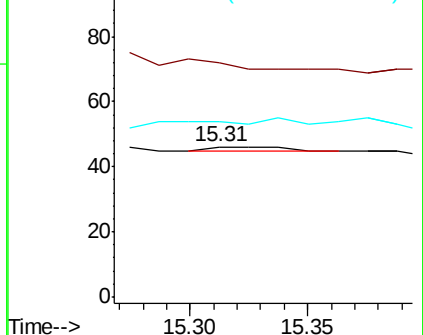
105 117.4 59.0 88.4#

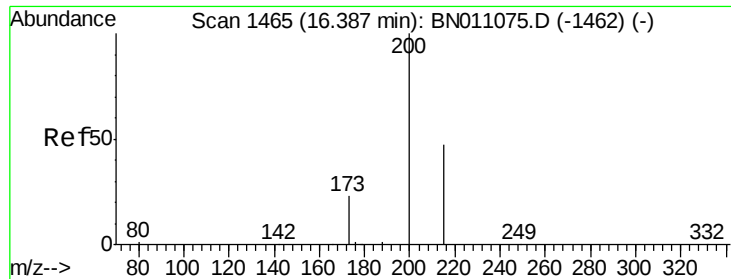


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.068 ng

RT: 16.06 min Scan# 1438

Delta R.T. -0.33 min

Lab File: BN011091.D

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PB129885BL

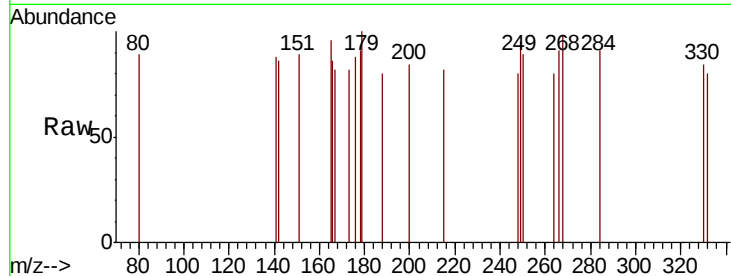
Tot Ion:200 Resp: 236

Ion Ratio Lower Upper

200 100

173 97.9 22.8 34.2#

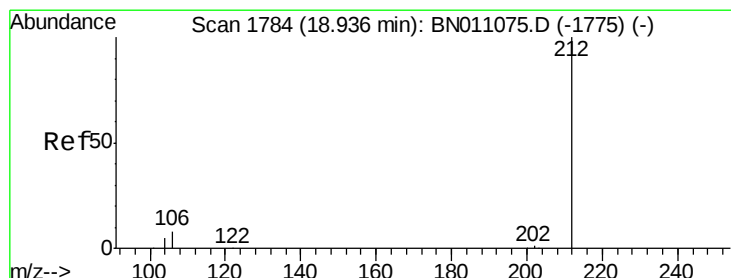
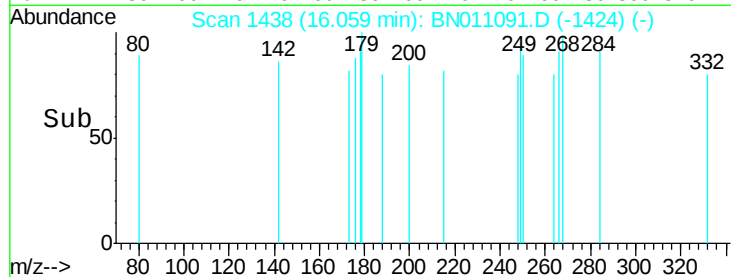
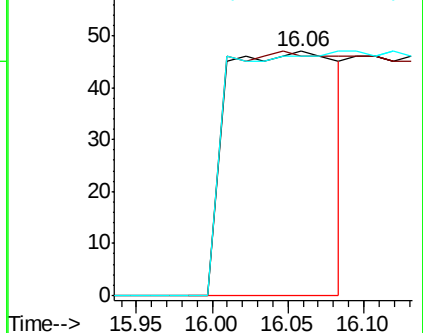
215 97.9 40.7 61.1#



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: 0.401 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BN011091.D

Acq: 02 Jul 2020 18:18

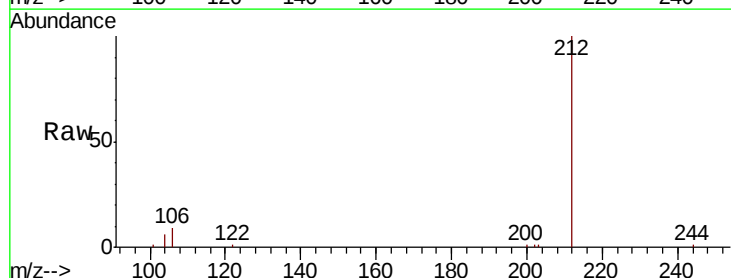
Tgt Ion:212 Resp: 8940

Ion Ratio Lower Upper

212 100

106 8.7 7.1 10.7

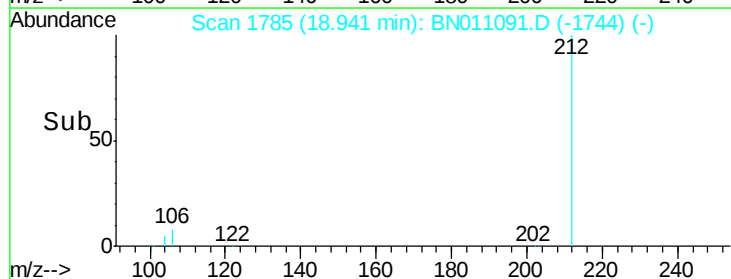
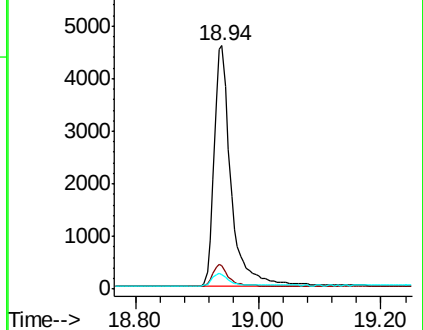
104 5.0 4.2 6.4

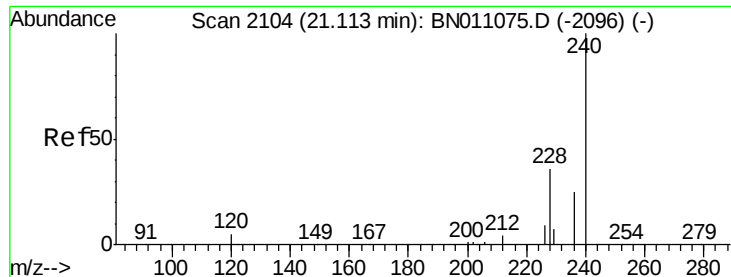


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

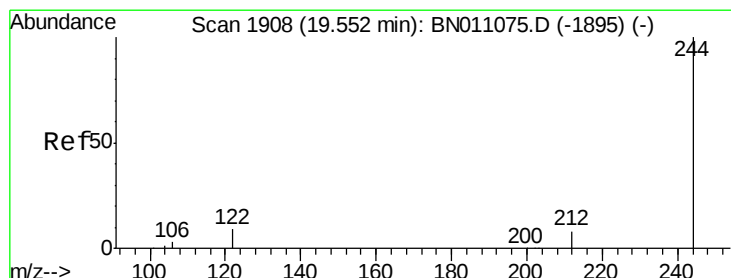
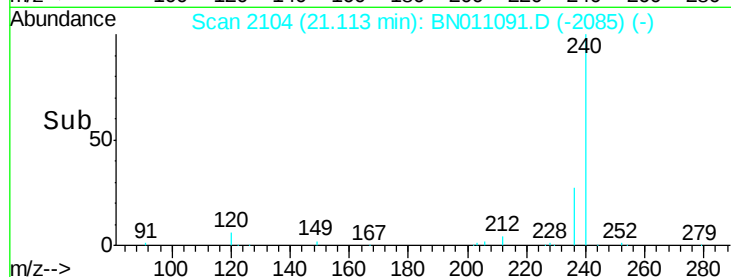
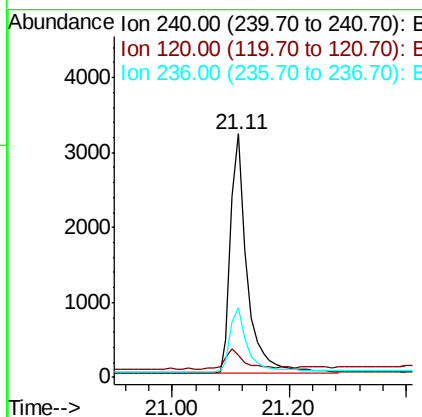
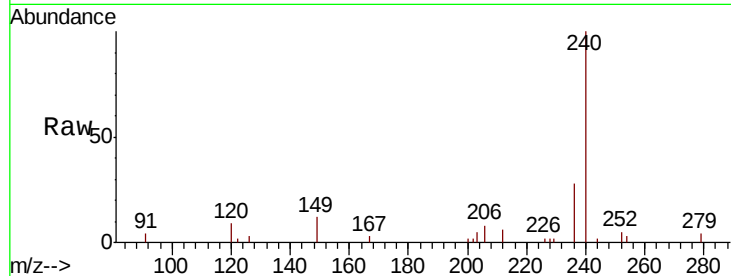




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BN011091.D
 Acq: 02 Jul 2020 18:18

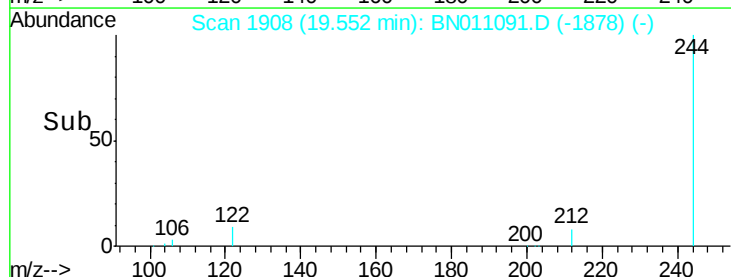
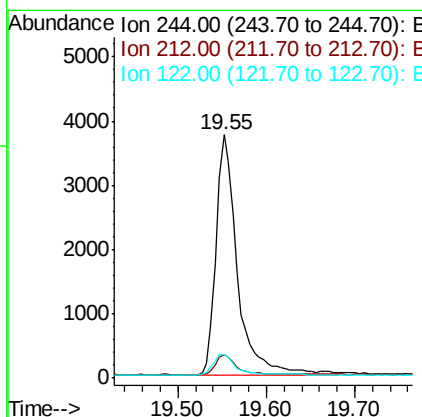
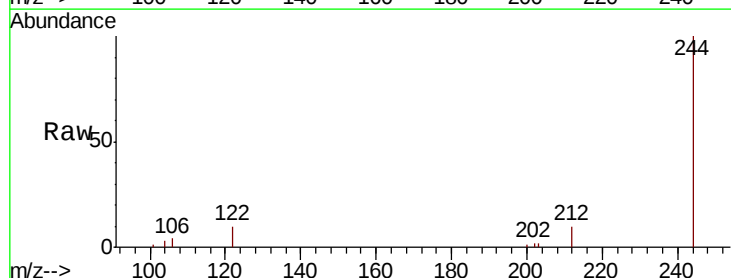
Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

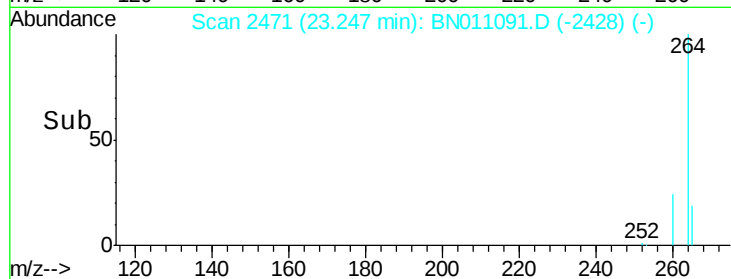
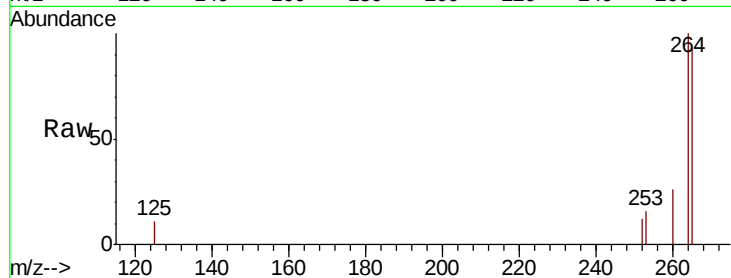
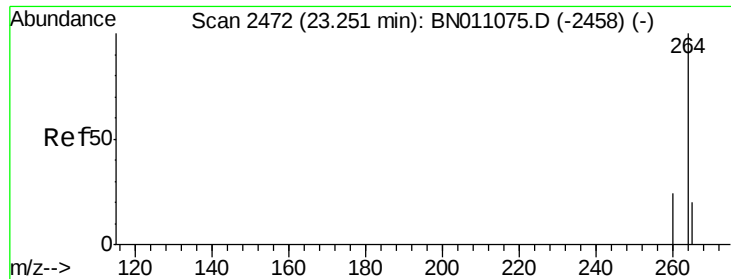
Tot Ion:240 Resp: 6317
 Ion Ratio Lower Upper
 240 100
 120 9.3 6.5 9.7
 236 28.3 21.9 32.9



#31
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.55 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BN011091.D
 Acq: 02 Jul 2020 18:18

Tgt Ion:244 Resp: 6348
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.5 11.3
 122 9.8 8.2 12.4





#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN011091.D
Acq: 02 Jul 2020 18:18

Instrument :
BNA_N
ClientSampleId :
PB129885BL

Tot Ion: 264 Resp: 6546
Ion Ratio Lower Upper
264 100
260 25.6 20.4 30.6
265 92.6 83.0 124.6

