

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
 Data File : BN011395.D
 Acq On : 07 Aug 2020 12:39
 Operator : CG/JU
 Sample : PB130764BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 07 13:32:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

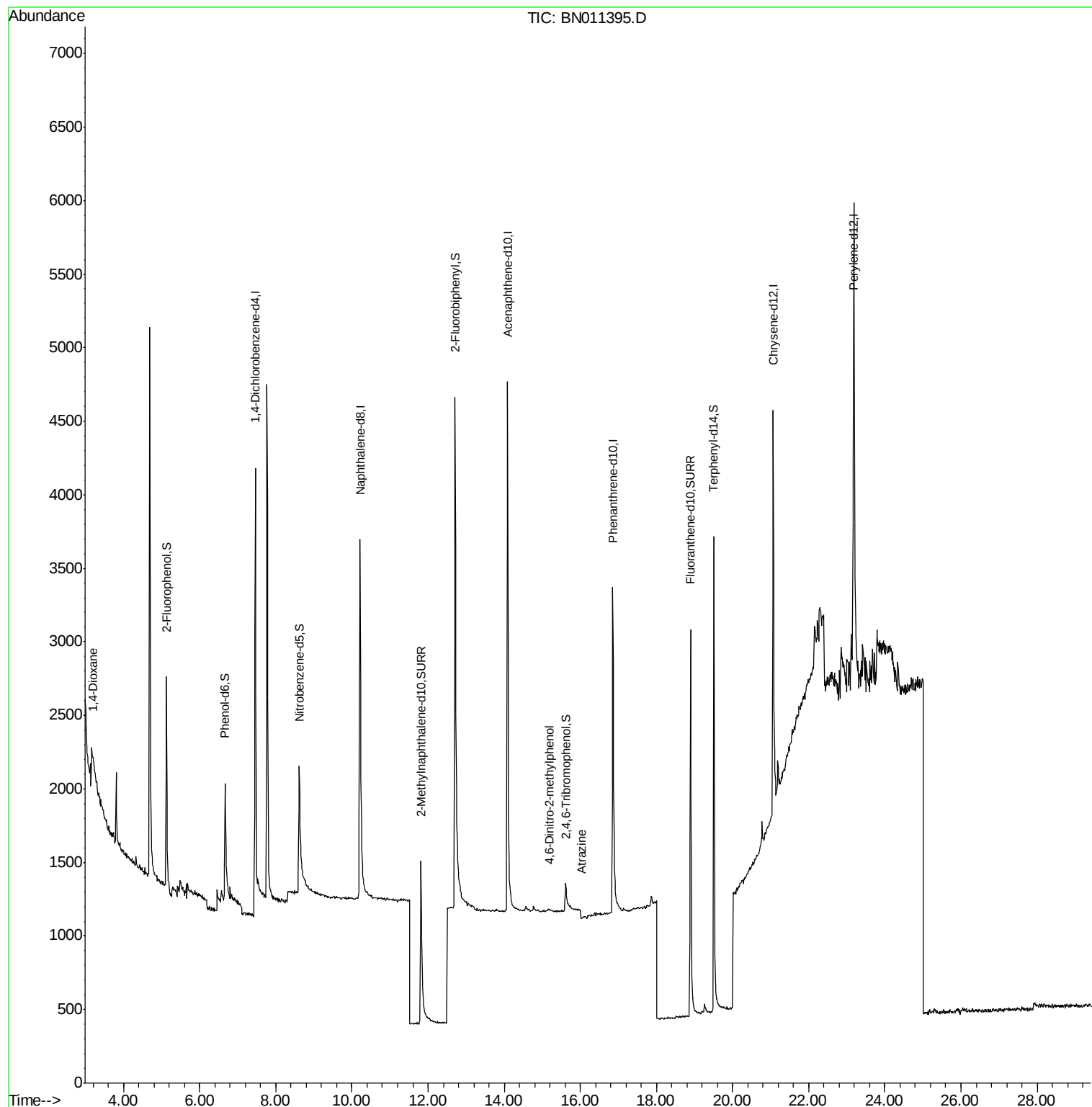
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1816	0.40	ng	0.00
7) Naphthalene-d8	10.21	136	5512	0.40	ng	0.00
13) Acenaphthene-d10	14.09	164	2840	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	5136	0.40	ng	0.00
29) Chrysene-d12	21.07	240	3593	0.40	ng	0.00
36) Perylene-d12	23.19	264	4840	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1450	0.30	ng	0.00
5) Phenol-d6	6.67	99	1386	0.24	ng	0.00
8) Nitrobenzene-d5	8.62	82	1627	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	11.81	152	2794	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	282	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.71	172	5140	0.42	ng	0.00
27) Fluoranthene-d10	18.89	212	4566	0.29	ng	0.00
31) Terphenyl-d14	19.50	244	4537	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	71	0.028	ng	# 39
20) 4,6-Dinitro-2-methylphenol	15.18	198	1	0.195	ng	# 4
23) Atrazine	16.03	200	403	0.152	ng	# 6

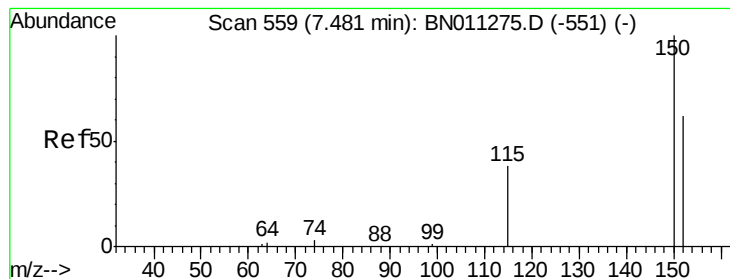
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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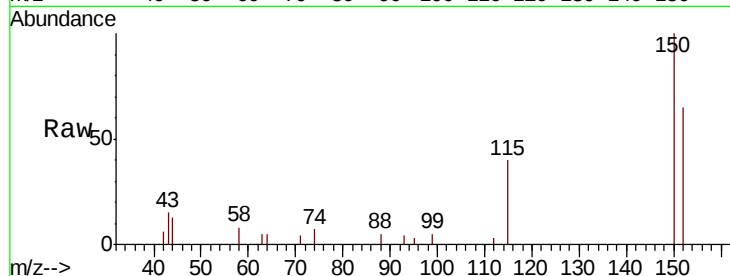


#1

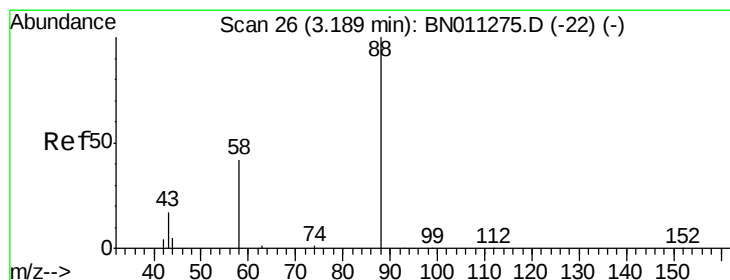
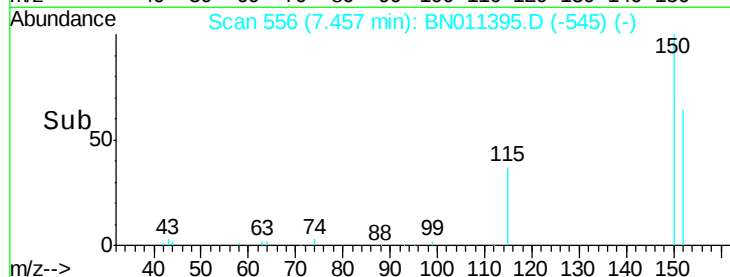
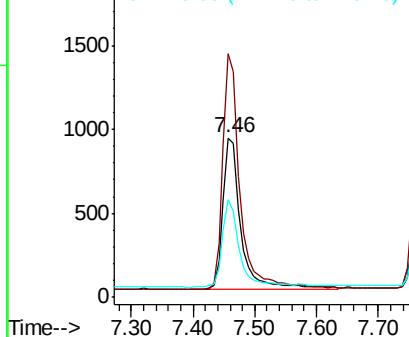
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.46 min Scan# 556
Delta R.T. -0.01 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1816
Ion Ratio Lower Upper
152 100
150 153.0 126.5 189.7
115 61.1 51.9 77.9



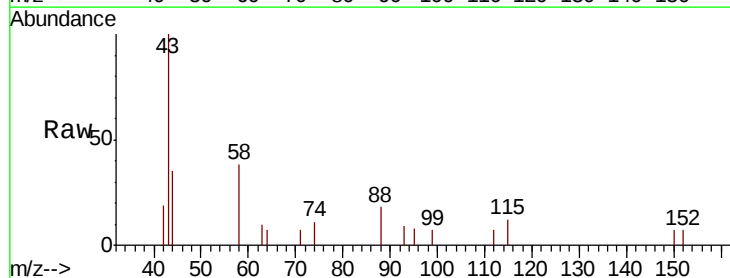
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



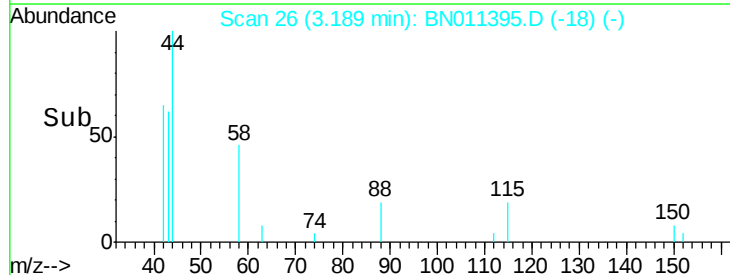
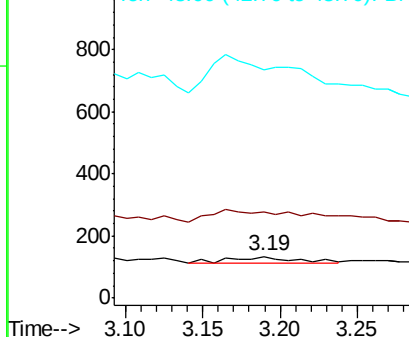
#2

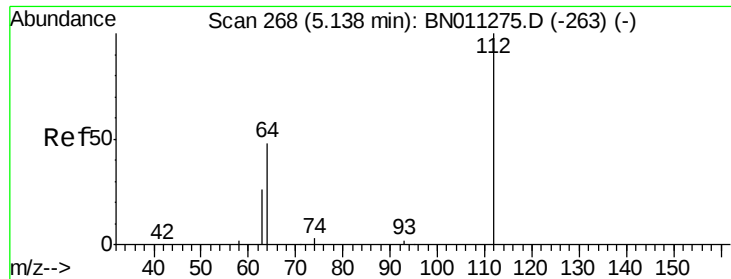
1,4-Dioxane
Concen: 0.028 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.02 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

Tgt Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
58 0.0 36.5 54.7#
43 0.0 16.1 24.1#



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: 0.304 ng

RT: 5.12 min Scan# 266

Delta R.T. -0.01 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampled :

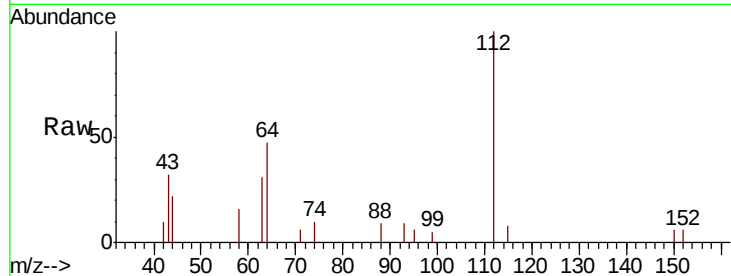
Tot Ion: 112 Resp: 1450

Ion Ratio Lower Upper

112 100

64 41.5 35.8 53.6

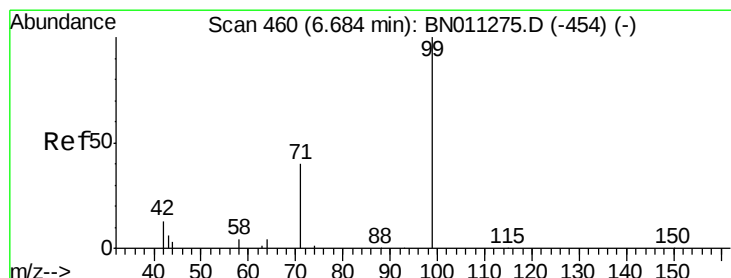
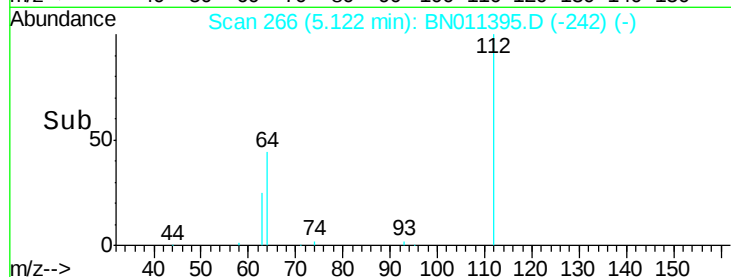
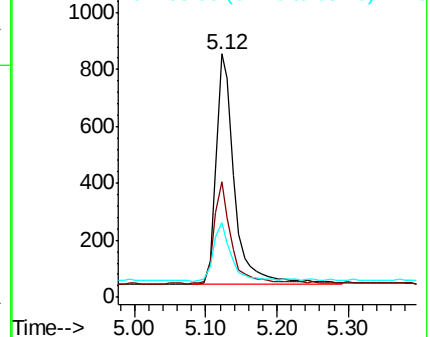
63 24.3 19.3 28.9



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: 0.239 ng

RT: 6.67 min Scan# 458

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

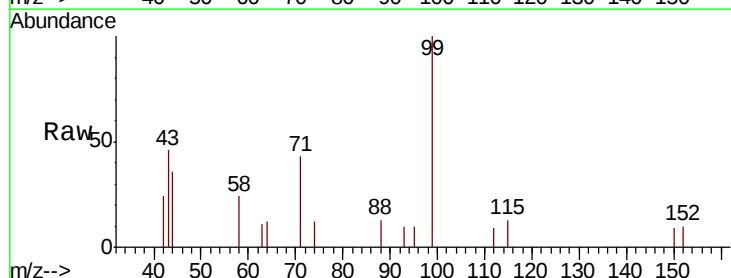
Tgt Ion: 99 Resp: 1386

Ion Ratio Lower Upper

99 100

42 9.5 11.2 16.8#

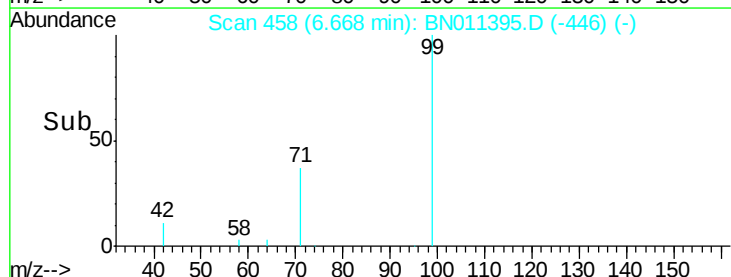
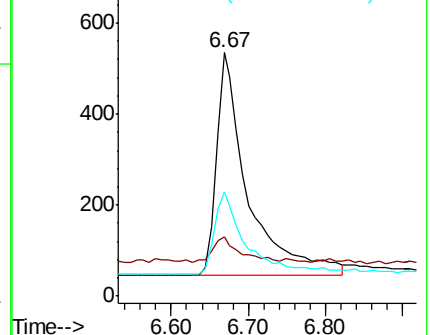
71 37.8 30.6 45.8

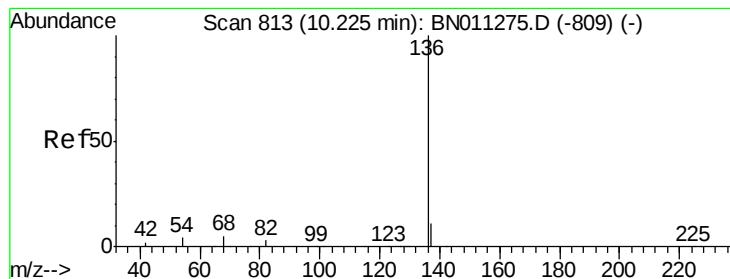


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.21 min Scan# 812

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5512

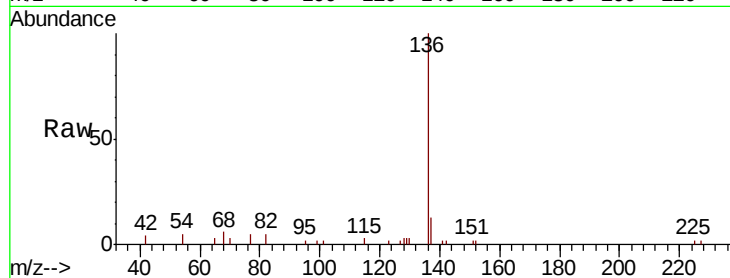
Ion Ratio Lower Upper

136 100

137 13.0 9.9 14.9

54 5.3 4.8 7.2

68 5.5 4.9 7.3

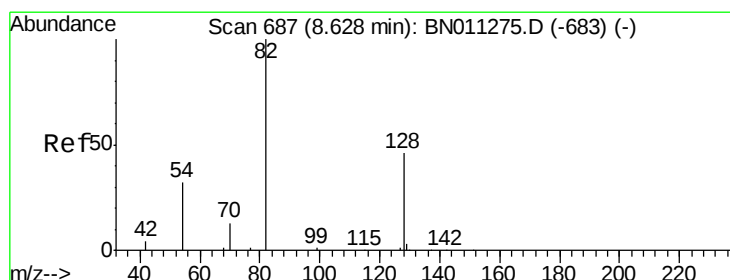
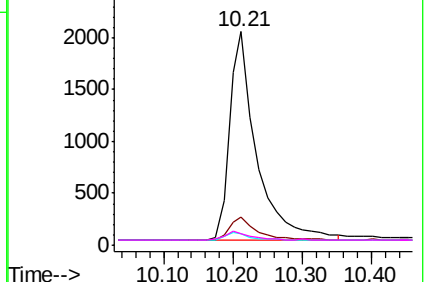
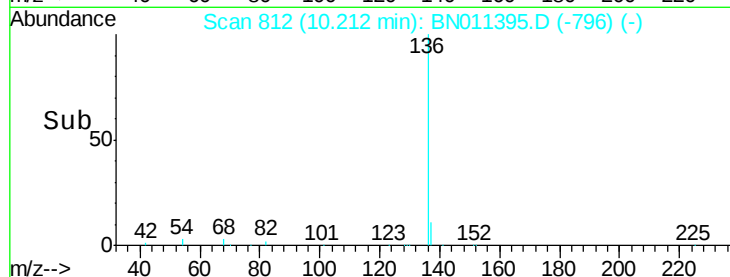


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 8.62 min Scan# 686

Delta R.T. 0.01 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

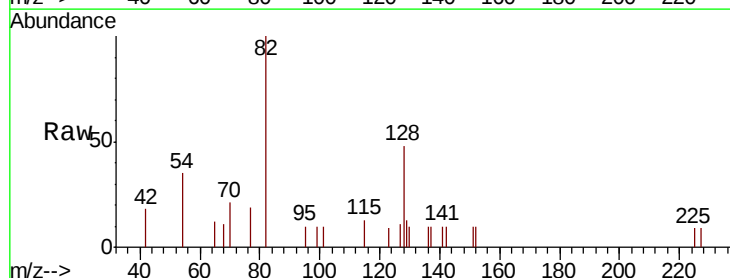
Tgt Ion: 82 Resp: 1627

Ion Ratio Lower Upper

82 100

128 48.2 40.1 60.1

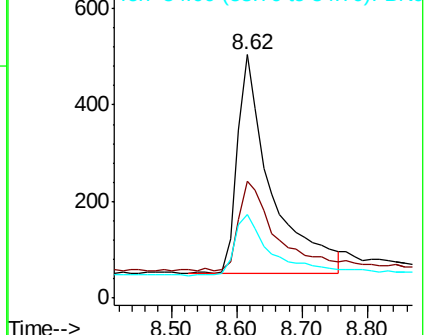
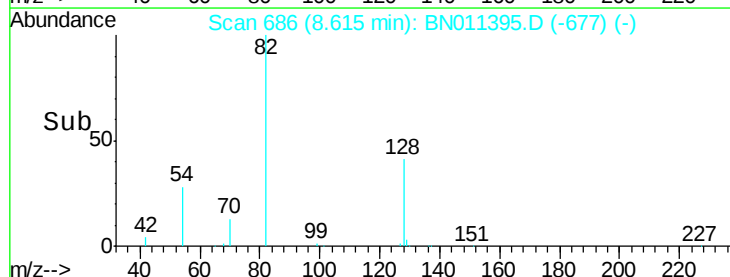
54 34.5 29.0 43.6

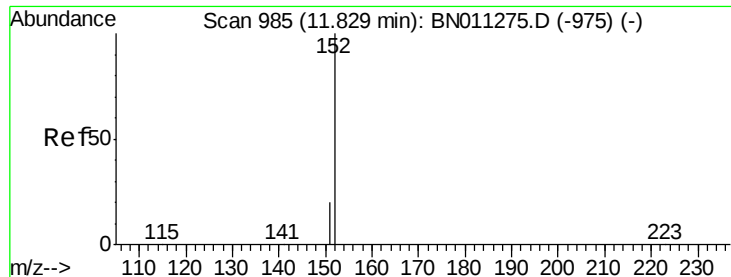


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

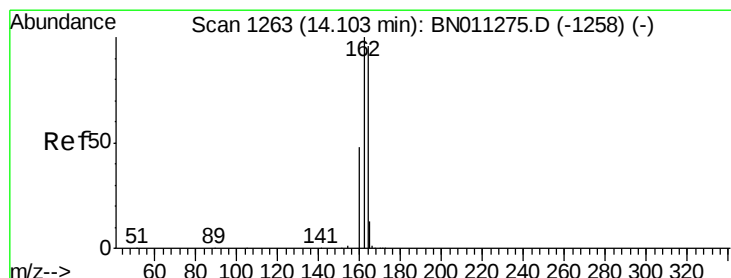
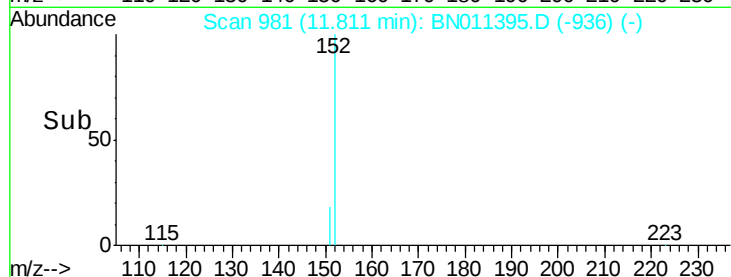
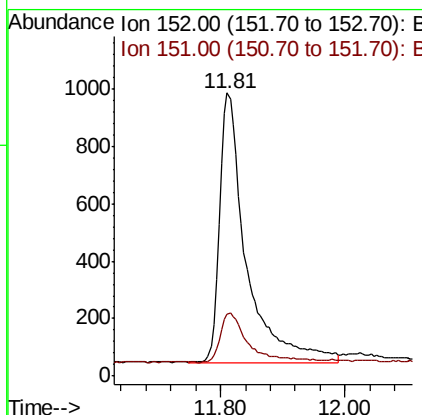
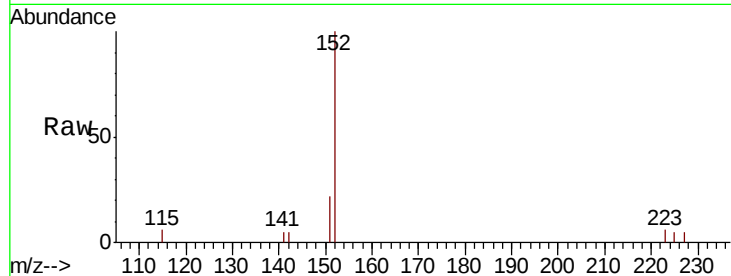




#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.81 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

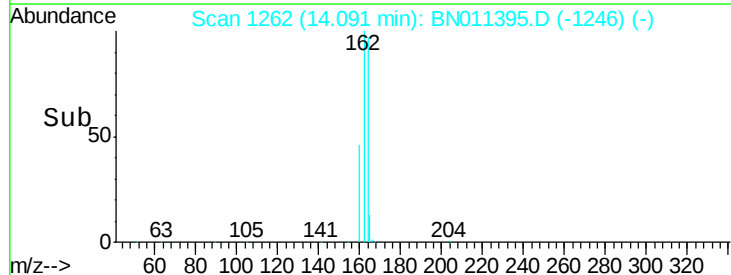
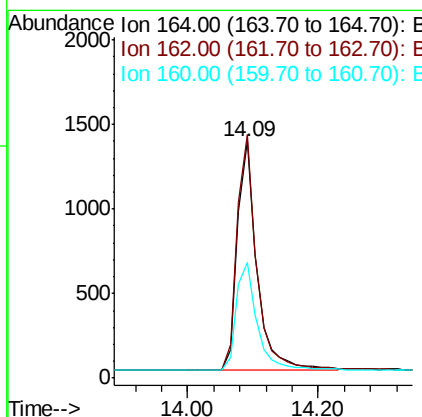
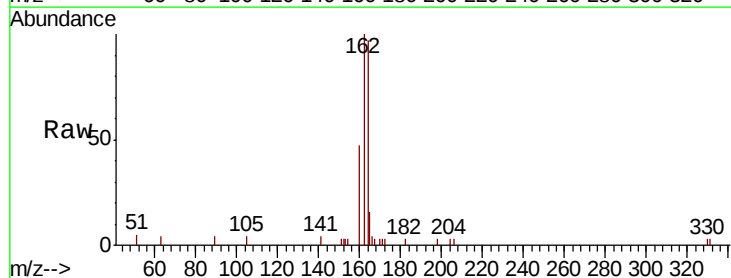
Instrument :
BNA_N
ClientSampled :

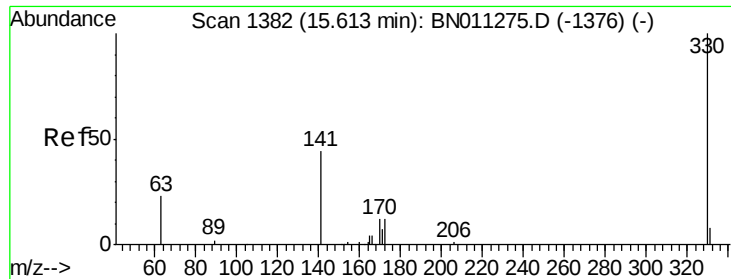
Tot Ion:152 Resp: 2794
Ion Ratio Lower Upper
152 100
151 19.0 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

Tgt Ion:164 Resp: 2840
Ion Ratio Lower Upper
164 100
162 102.9 83.6 125.4
160 48.8 41.2 61.8

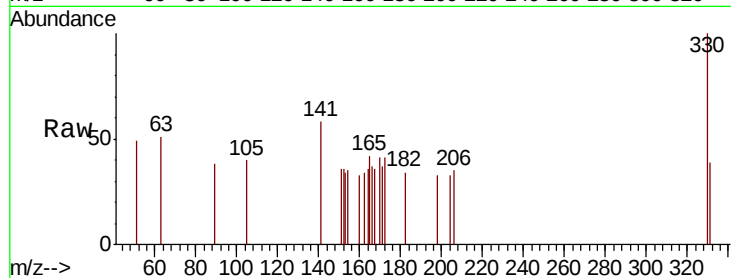




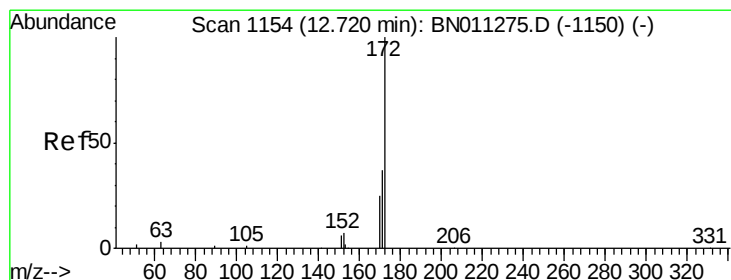
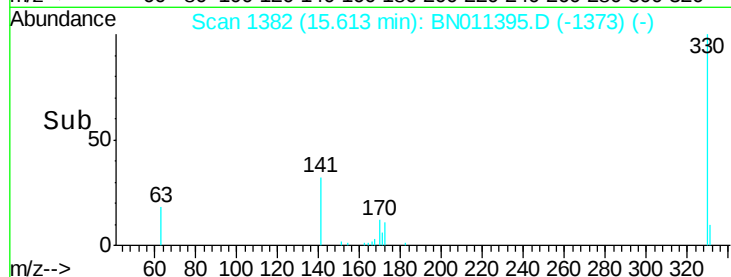
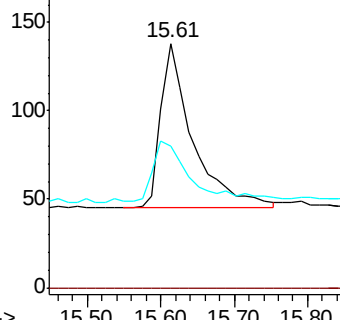
#14
 2,4,6-Tribromophenol
 Concen: 0.215 ng
 RT: 15.61 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 282
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 47.5 34.2 51.2

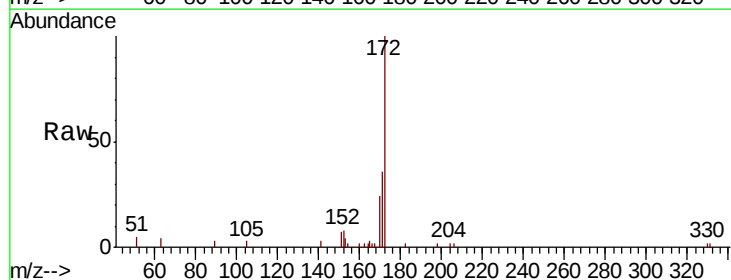


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

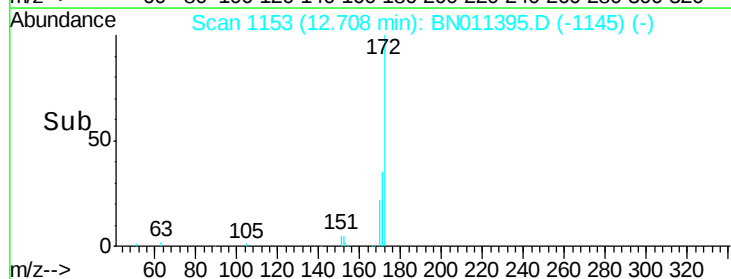
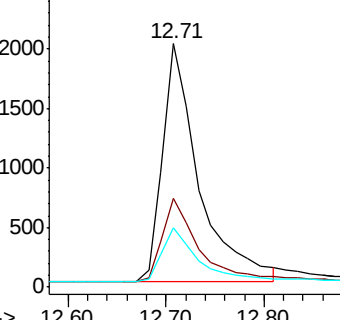


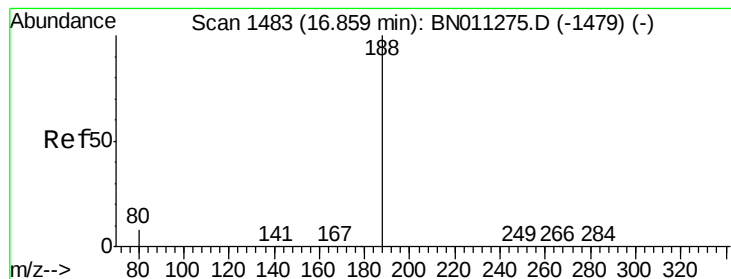
#15
 2-Fluorobiphenyl
 Concen: 0.419 ng
 RT: 12.71 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Tgt Ion:172 Resp: 5140
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.6 46.0
 170 24.1 21.0 31.4



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: 16.85 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampled :

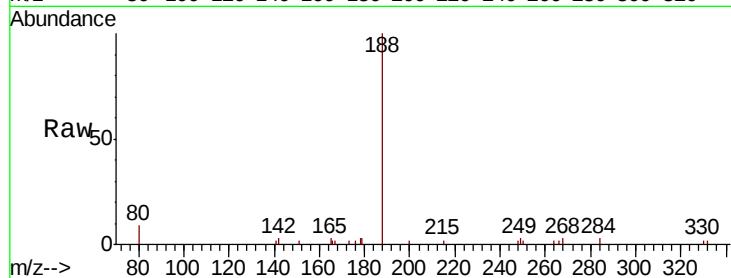
Tot Ion:188 Resp: 5136

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

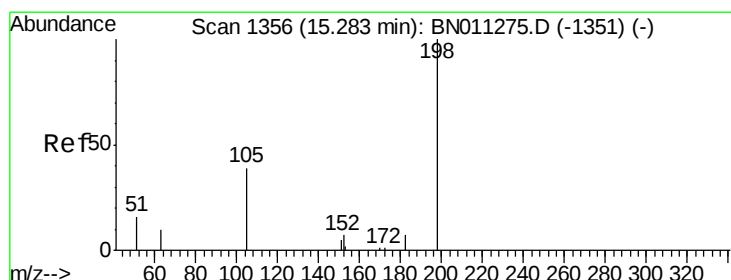
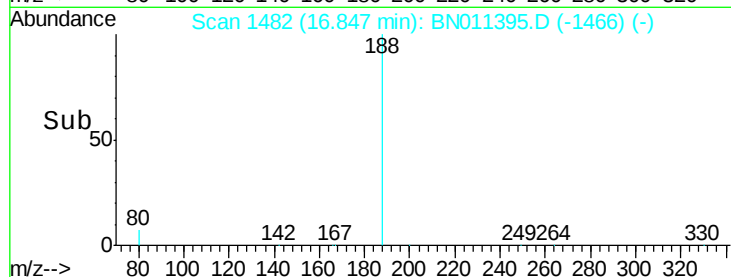
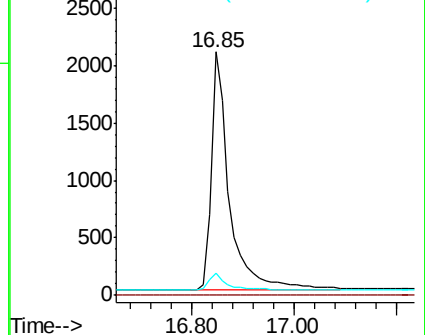
80 9.0 7.4 11.0



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.195 ng

RT: 15.18 min Scan# 1348

Delta R.T. -0.09 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

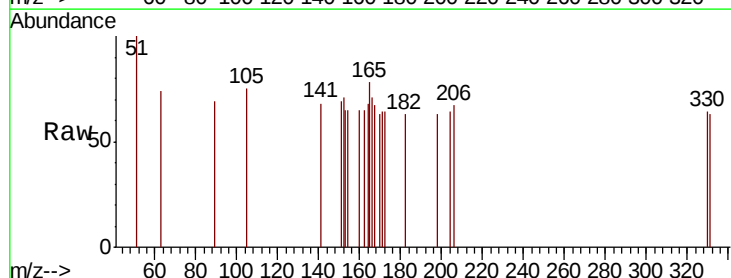
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 160.0 49.0 73.6#

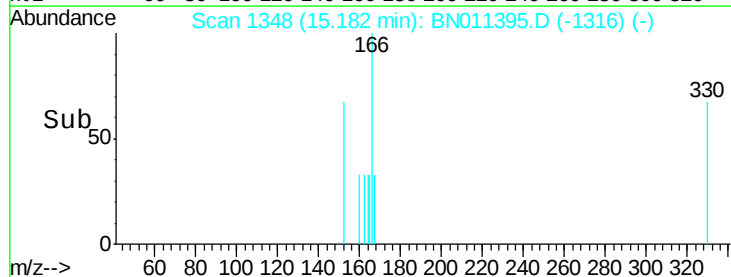
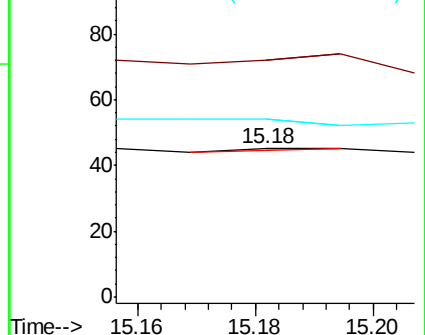
105 120.0 53.8 80.6#

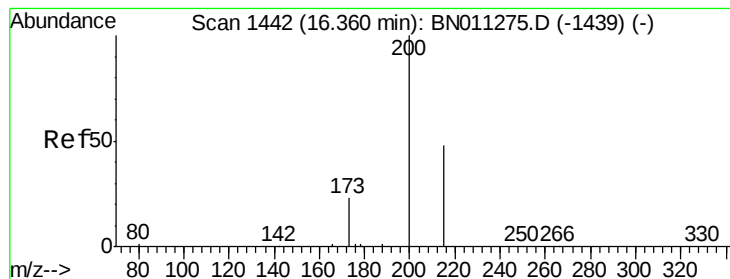


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.152 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.32 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampleId :

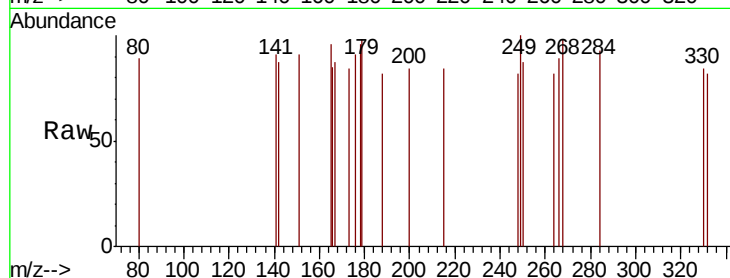
Tot Ion:200 Resp: 403

Ion Ratio Lower Upper

200 100

173 100.0 22.0 33.0#

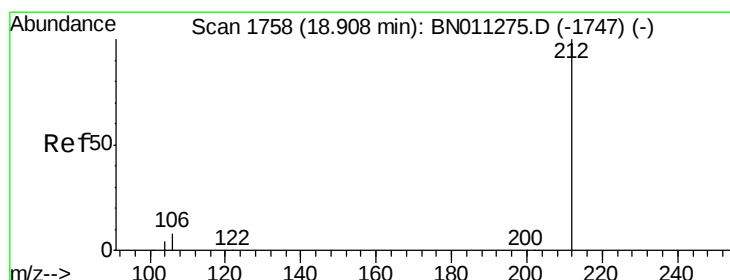
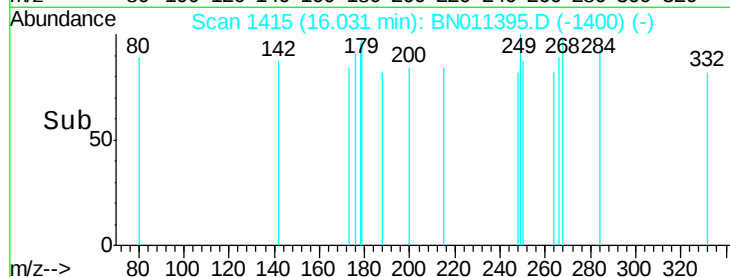
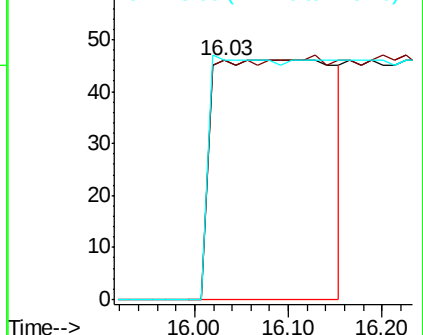
215 100.0 41.1 61.7#



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: 0.291 ng

RT: 18.89 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

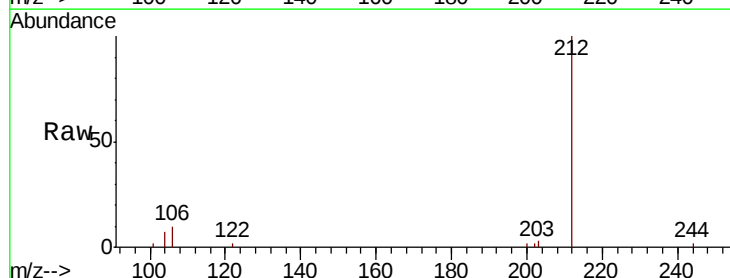
Tgt Ion:212 Resp: 4566

Ion Ratio Lower Upper

212 100

106 8.1 6.9 10.3

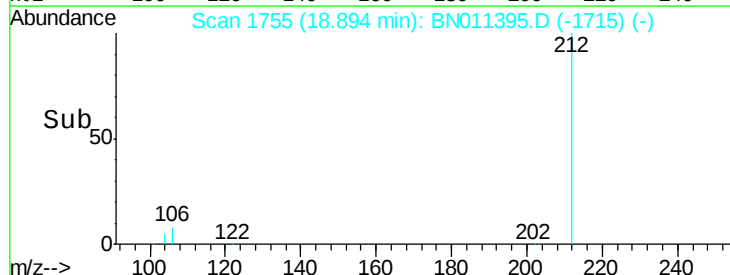
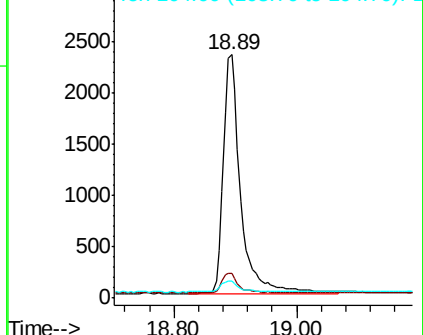
104 4.6 4.2 6.2

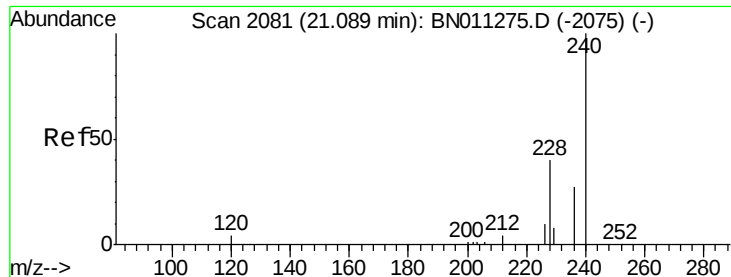


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

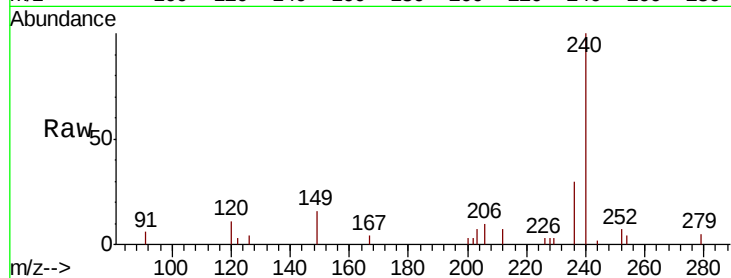




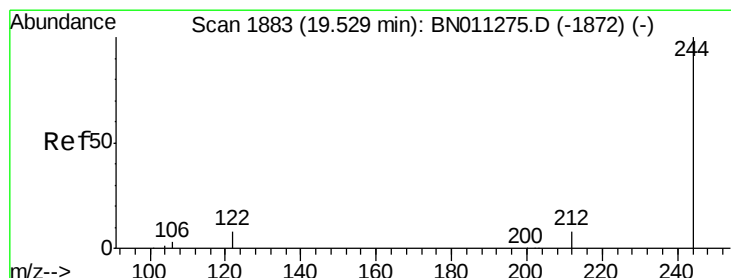
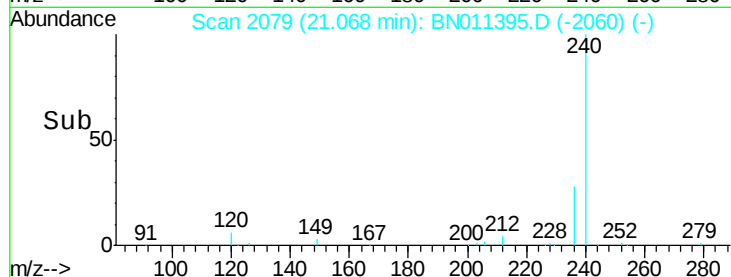
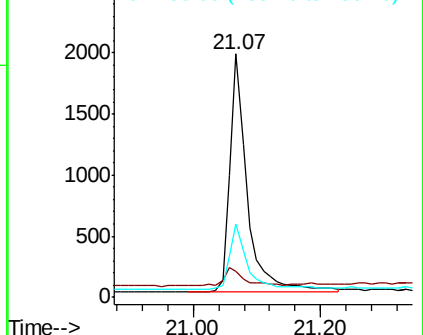
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

Instrument :
BNA_N
ClientSampled :

Tot Ion:240 Resp: 3593
Ion Ratio Lower Upper
240 100
120 10.6 5.8 8.8#
236 30.2 22.7 34.1

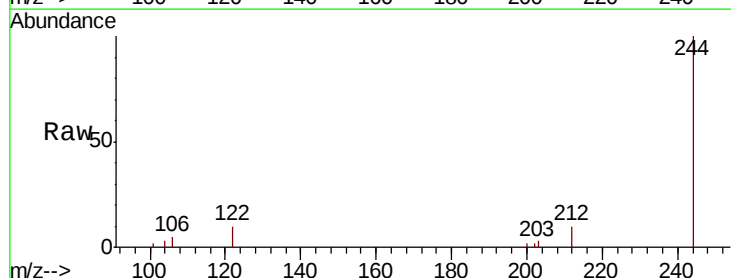


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

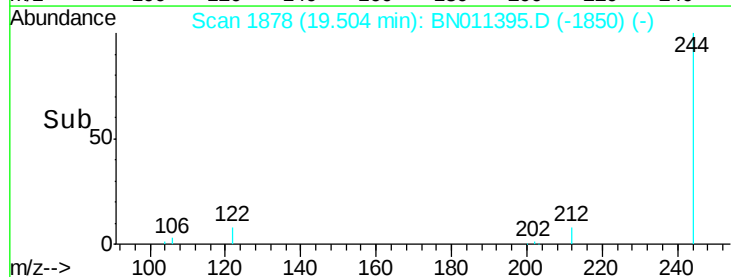
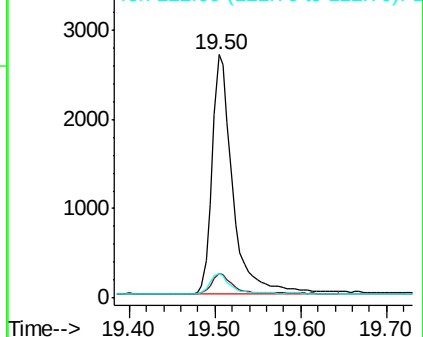


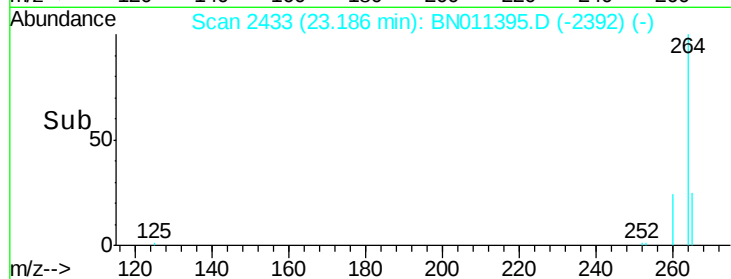
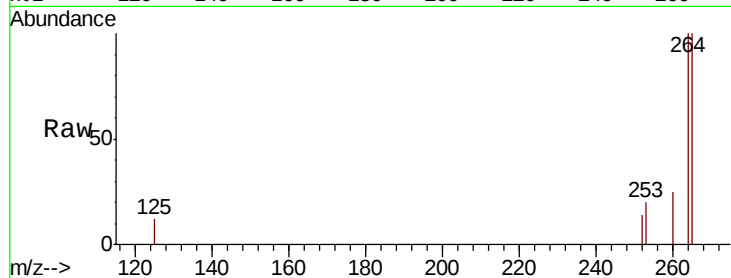
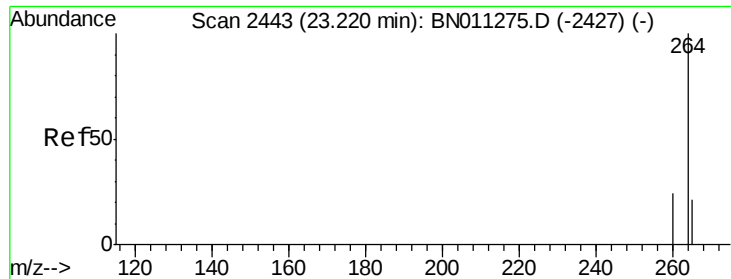
#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.50 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

Tgt Ion:244 Resp: 4537
Ion Ratio Lower Upper
244 100
212 9.9 7.6 11.4
122 10.0 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





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.19 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 4840

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 100.0 70.7 106.1

