

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011053.D
 Acq On : 24 Jun 2020 18:02
 Operator : CG/JU
 Sample : L3043-02DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200615DL

Quant Time: Jun 24 19:03:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

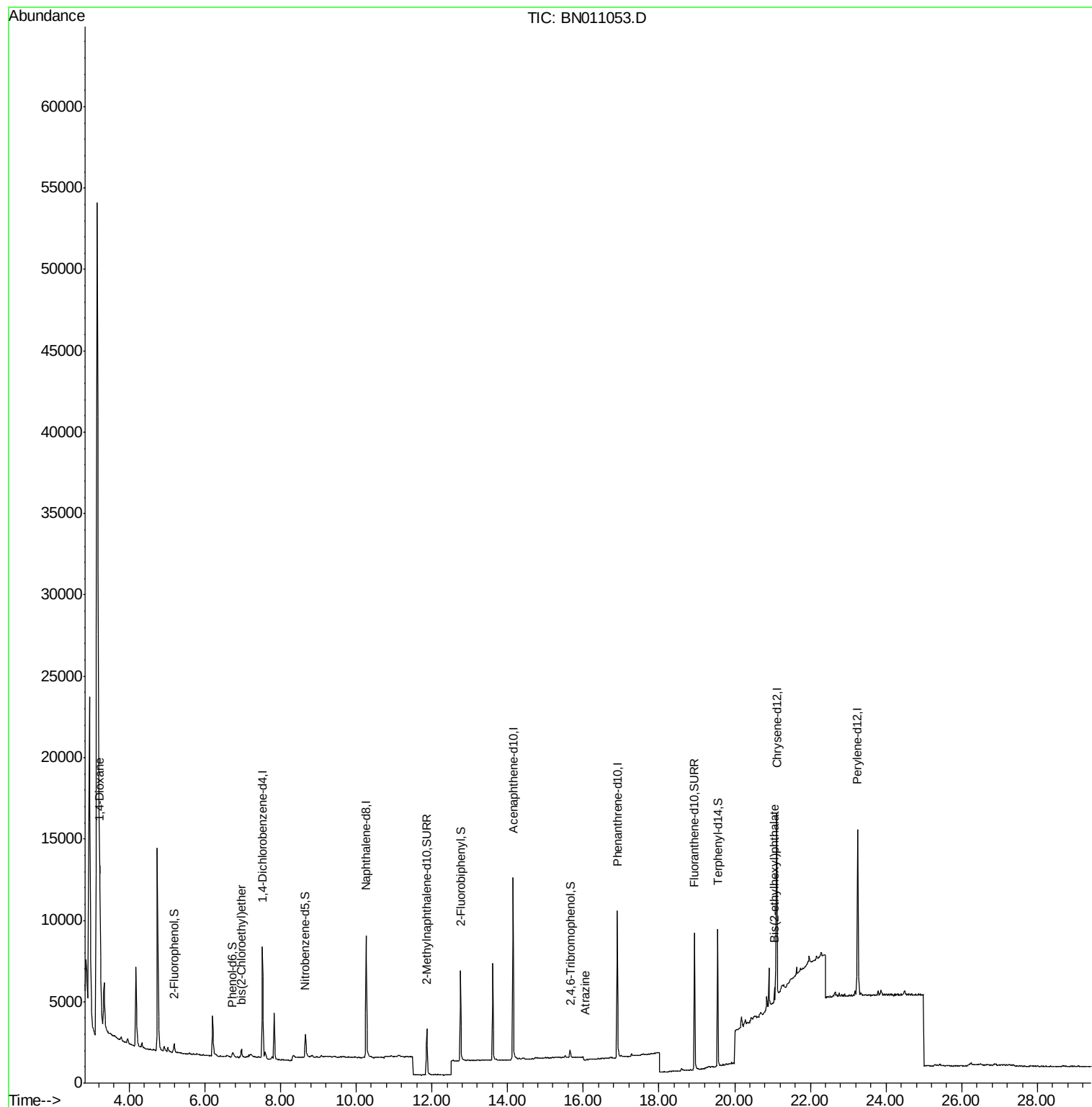
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	3547	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	11899	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	6621	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	13479	0.40	ng	0.00
29) Chrysene-d12	21.11	240	12768	0.40	ng	0.00
36) Perylene-d12	23.25	264	13057	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	614	0.06	ng	0.00
5) Phenol-d6	6.74	99	420	0.04	ng	0.02
8) Nitrobenzene-d5	8.66	82	1817	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	11.86	152	4551	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	474	0.16	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	5233	0.17	ng	0.00
27) Fluoranthene-d10	18.94	212	10252	0.24	ng	0.00
31) Terphenyl-d14	19.55	244	8677	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	8100	1.699	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	6.97	93	352	0.034	ng	# 82
23) Atrazine	16.06	200	324	0.047	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.05	149	810	0.046	ng	# 89

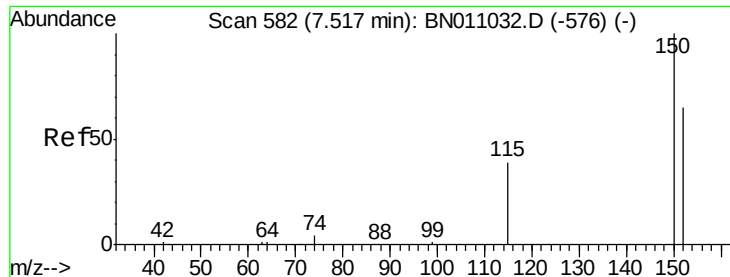
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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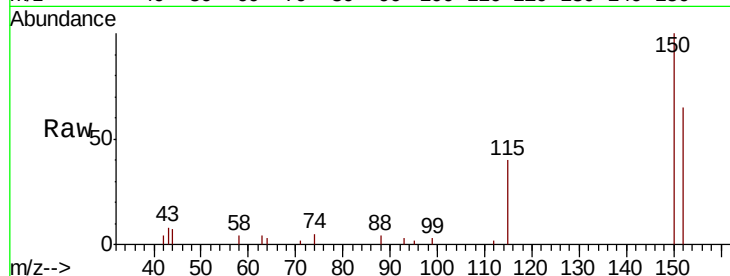


#1

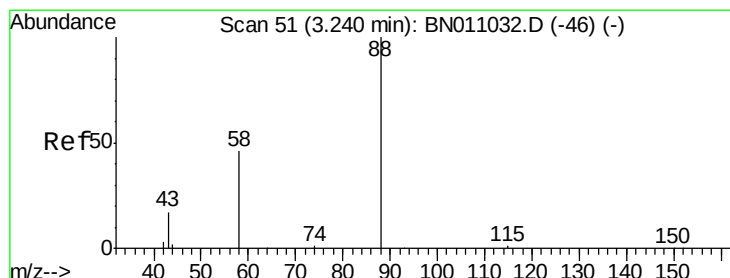
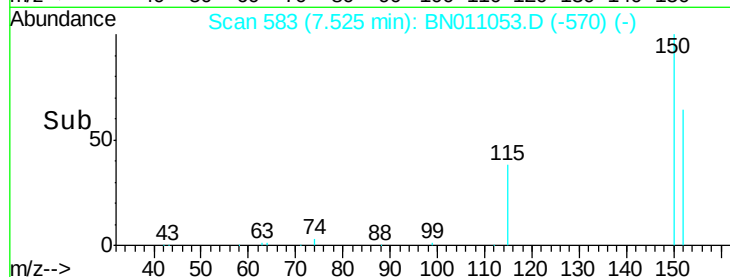
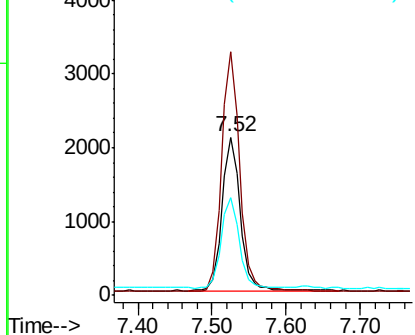
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011053.D
Acq: 24 Jun 2020 18:02

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200615DL

Tot Ion:152 Resp: 3547
Ion Ratio Lower Upper
152 100
150 154.1 121.8 182.8
115 62.1 50.2 75.2



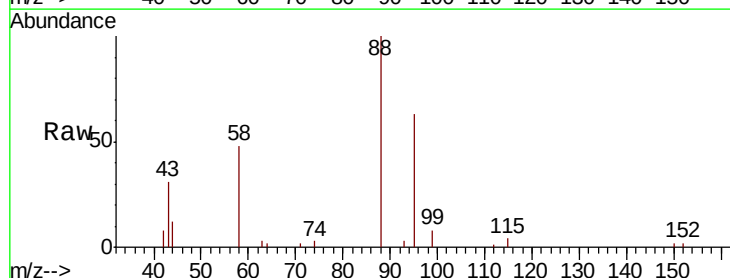
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



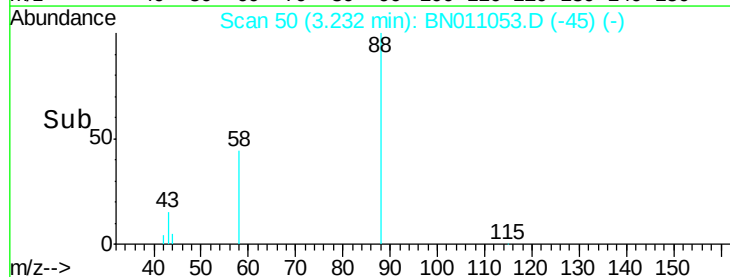
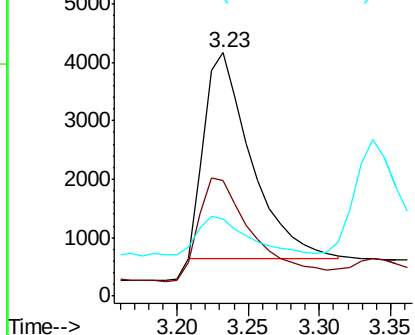
#2

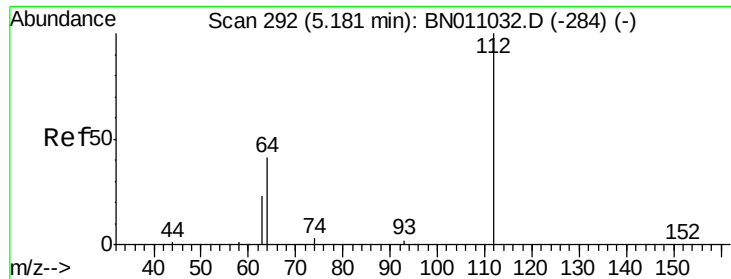
1,4-Dioxane
Concen: 1.699 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011053.D
Acq: 24 Jun 2020 18:02

Tgt Ion: 88 Resp: 8100
Ion Ratio Lower Upper
88 100
58 42.8 38.4 57.6
43 17.5 14.2 21.4



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: 0.061 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615DL

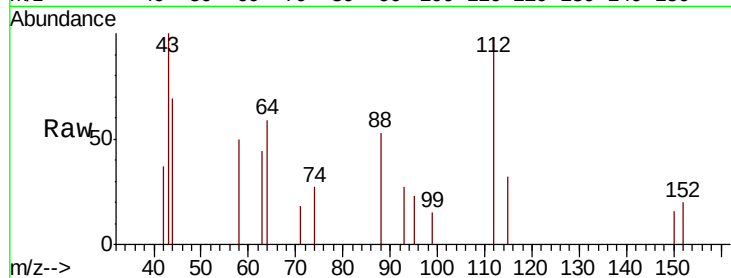
Tot Ion: 112 Resp: 614

Ion Ratio Lower Upper

112 100

64 49.2 37.3 55.9

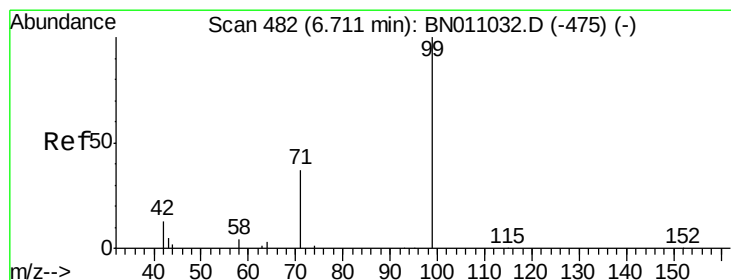
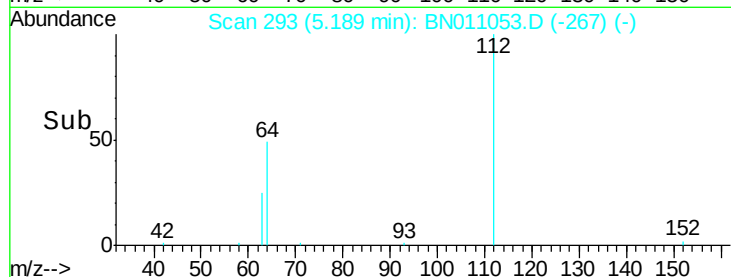
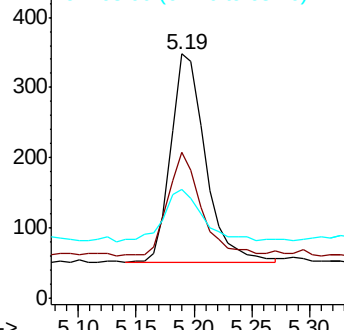
63 28.7 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.035 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.02 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

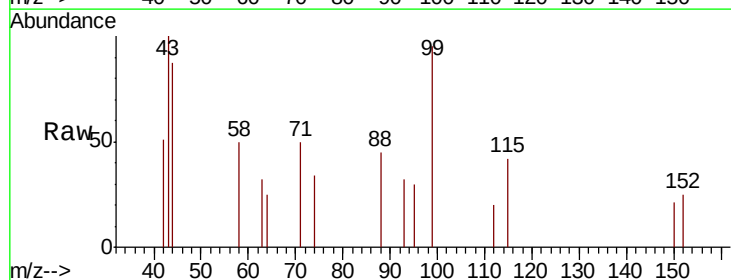
Tgt Ion: 99 Resp: 420

Ion Ratio Lower Upper

99 100

42 16.7 10.6 16.0#

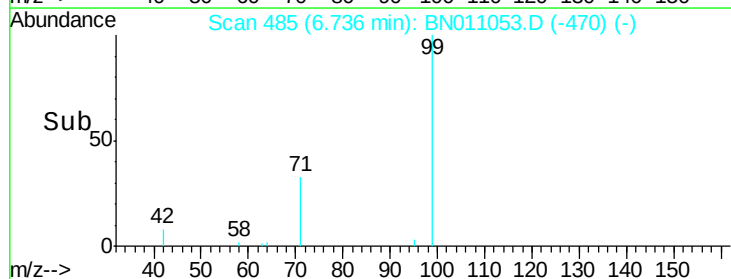
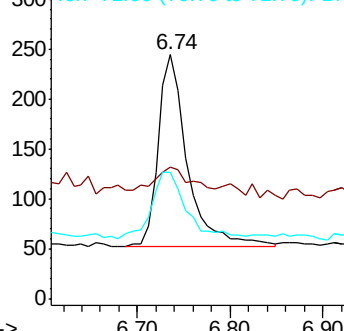
71 41.4 28.7 43.1

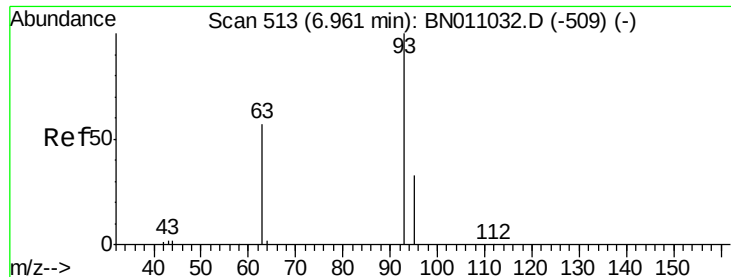


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615DL

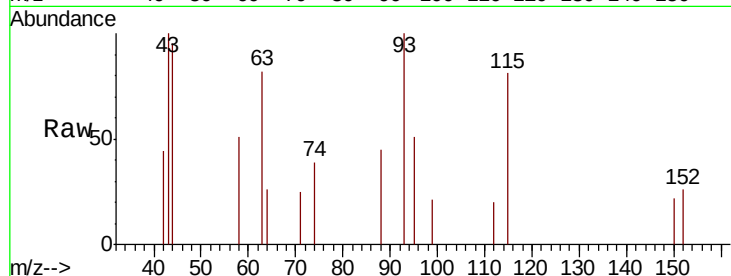
Tot Ion: 93 Resp: 352

Ion Ratio Lower Upper

93 100

63 71.3 43.7 65.5#

95 36.6 25.3 37.9

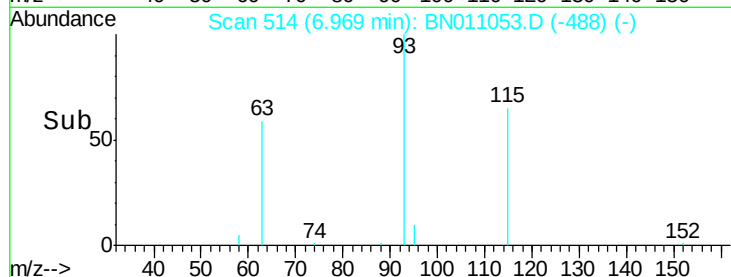


Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011032.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011032.D (-509) (-)

Time-->

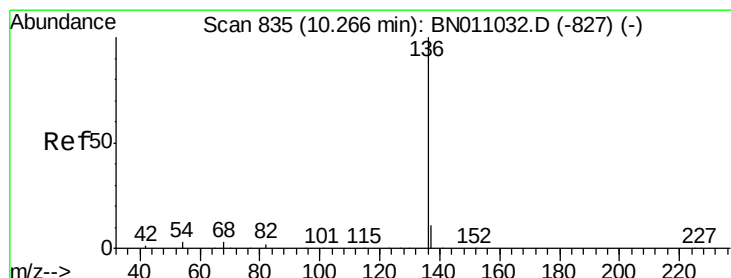


Abundance Ion 93.00 (92.70 to 93.70): BN011053.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011053.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011053.D (-488) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Tgt Ion: 136 Resp: 11899

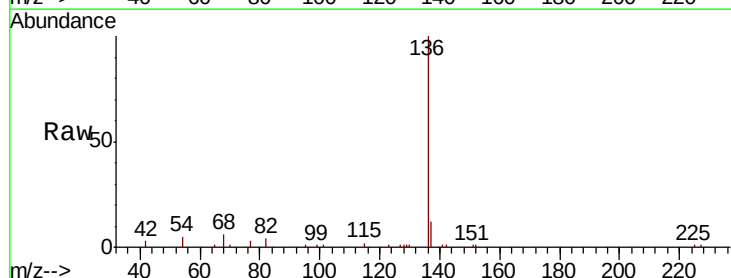
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 5.2 3.0 4.4#

68 5.9 3.4 5.2#



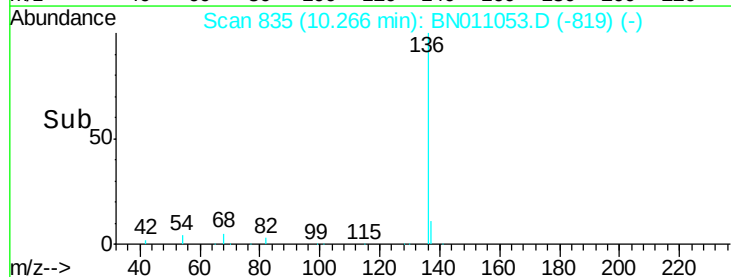
Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN011032.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011032.D (-827) (-)

Time-->



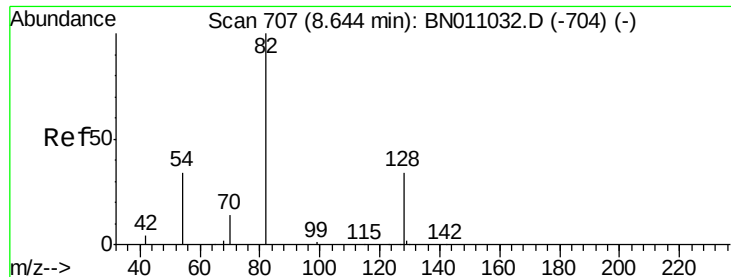
Abundance Ion 136.00 (135.70 to 136.70): BN011053.D (-819) (-)

Ion 137.00 (136.70 to 137.70): BN011053.D (-819) (-)

Ion 54.00 (53.70 to 54.70): BN011053.D (-819) (-)

Ion 68.00 (67.70 to 68.70): BN011053.D (-819) (-)

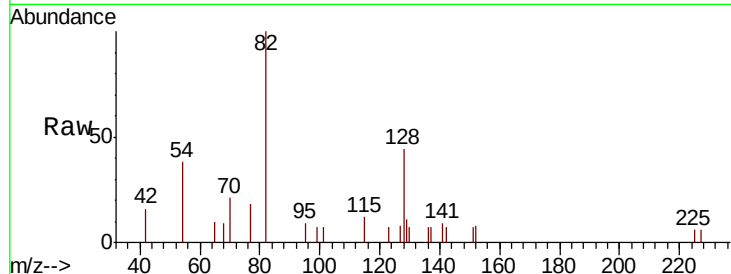
Time-->



#8
 Nitrobenzene-d5
 Concen: 0.168 ng
 RT: 8.66 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BN011053.D
 Acq: 24 Jun 2020 18:02

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200615DL

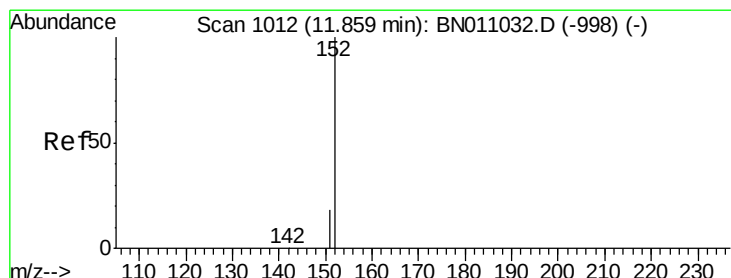
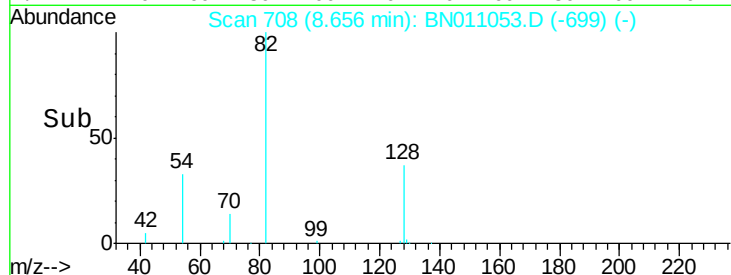
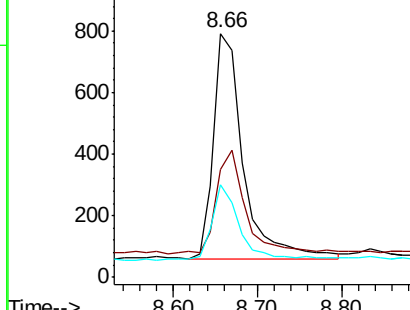
Tot Ion	82	Resp	1817
Ion Ratio	100		
Lower	29.4		
Upper	44.2		
128	44.4		
54	37.8		



Abundance Ion 82.00 (81.70 to 82.70): BN011053.D (-699) (-)

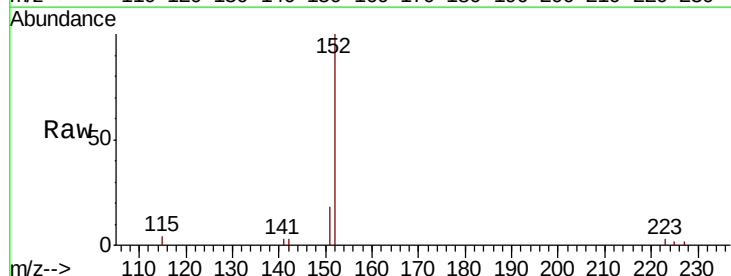
Ion 128.00 (127.70 to 128.70): BN011053.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN011053.D (-699) (-)



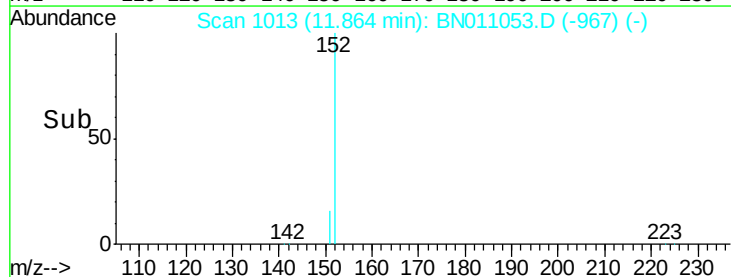
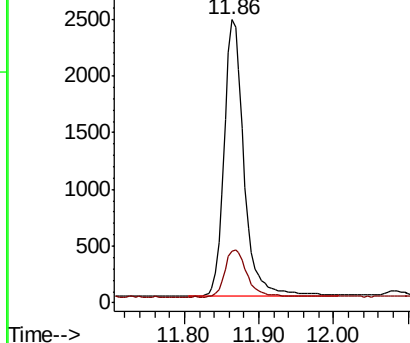
#11
 2-Methylnaphthalene-d10
 Concen: 0.217 ng
 RT: 11.86 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BN011053.D
 Acq: 24 Jun 2020 18:02

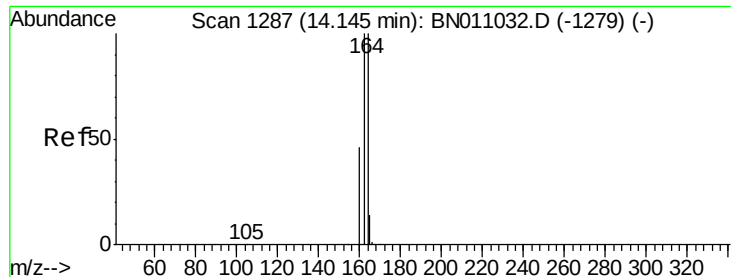
Tgt Ion	152	Resp	4551
Ion Ratio	100		
Lower	16.2		
Upper	24.4		
151	19.0		



Abundance Ion 152.00 (151.70 to 152.70): BN011053.D (-967) (-)

Ion 151.00 (150.70 to 151.70): BN011053.D (-967) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Instrument :

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ClientSampleId :

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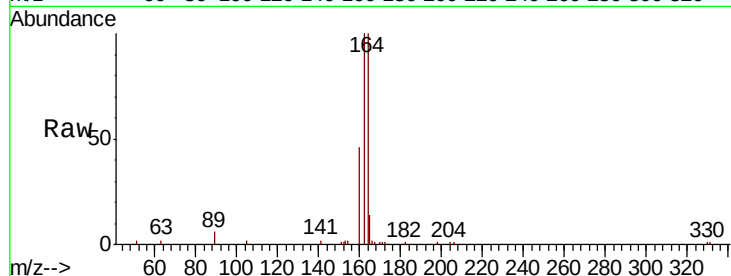
Tot Ion:164 Resp: 6621

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

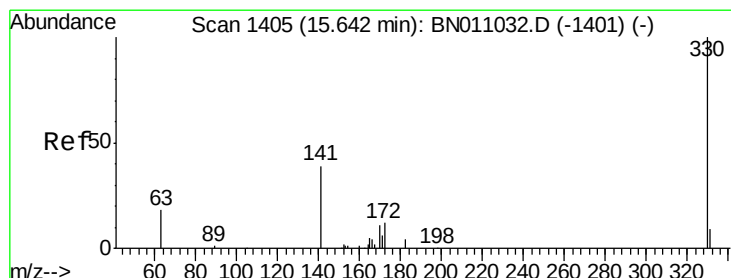
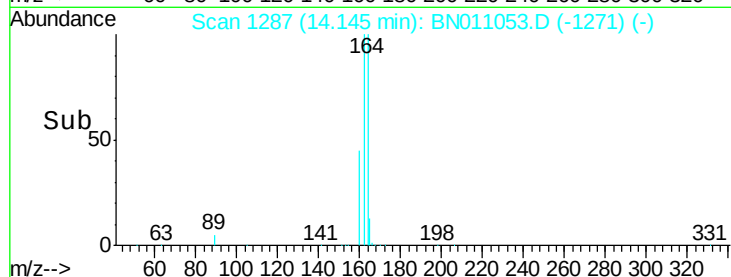
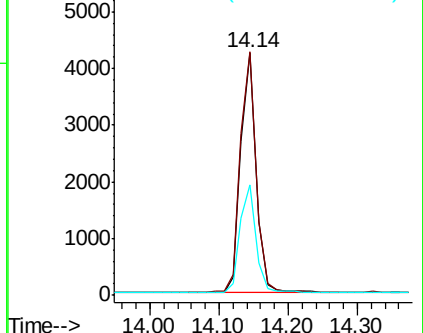
160 45.7 37.7 56.5



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: 0.163 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

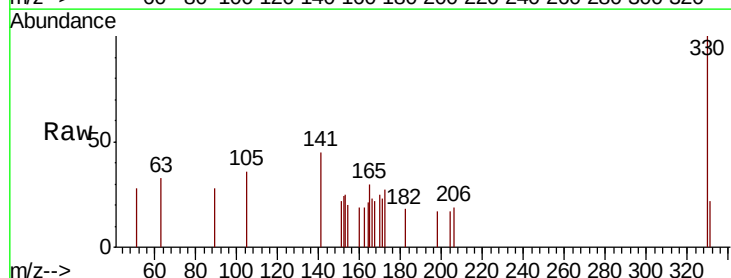
Tgt Ion:330 Resp: 474

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

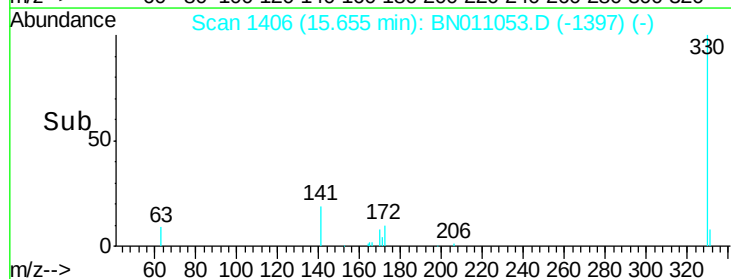
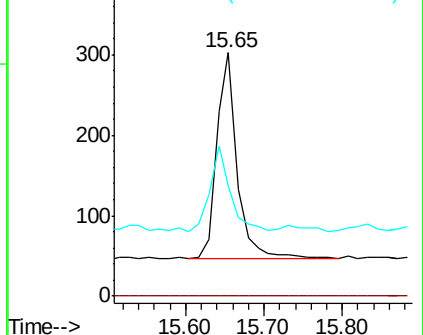
141 40.1 34.5 51.7

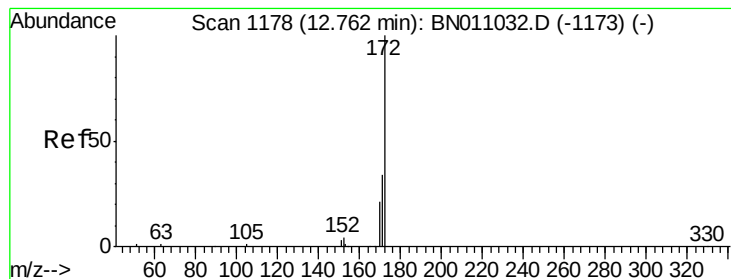


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.169 ng

RT: 12.76 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Instrument :

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ClientSampleId :

TT101D1-20200615DL

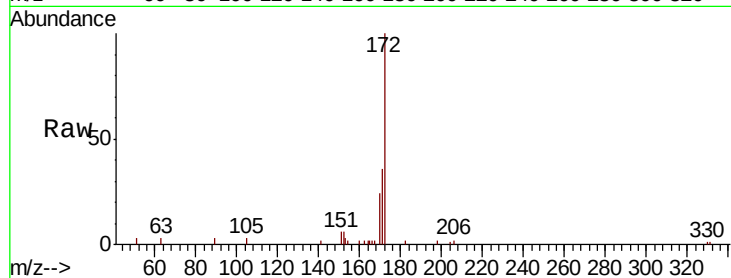
Tot Ion:172 Resp: 5233

Ion Ratio Lower Upper

172 100

171 36.2 27.4 41.2

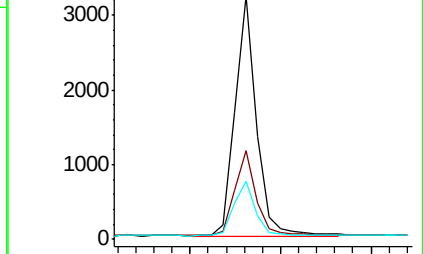
170 23.9 17.5 26.3



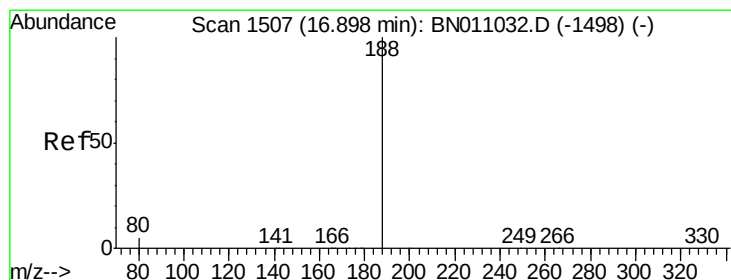
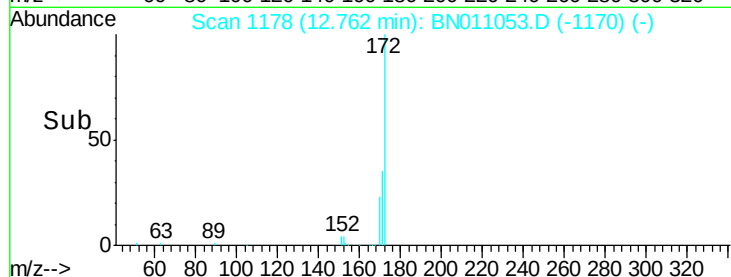
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

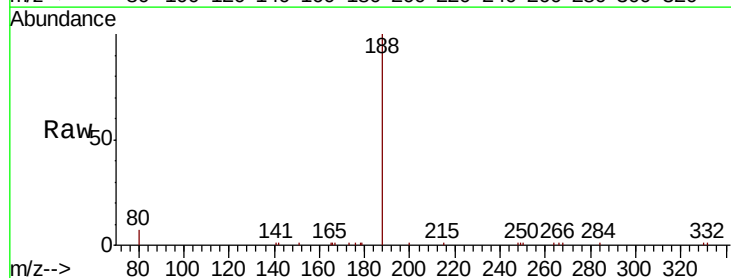
Tgt Ion:188 Resp: 13479

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

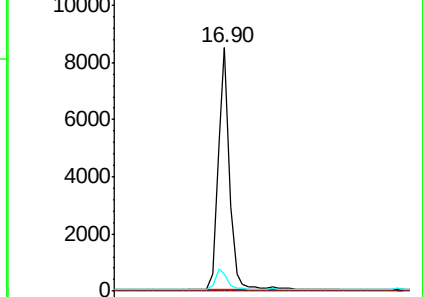
80 6.8 4.6 7.0



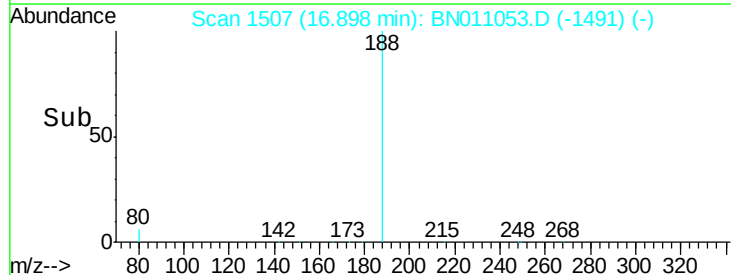
Abundance Ion 188.00 (187.70 to 188.70): E

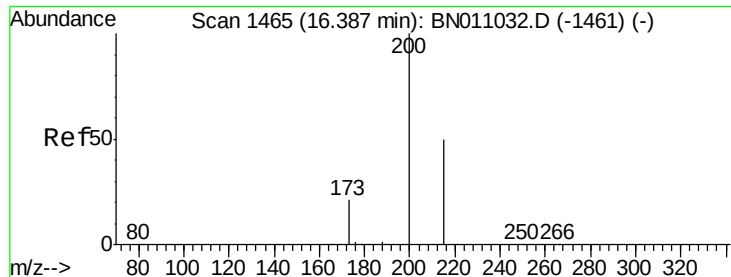
Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->





#23

Atrazine

Concen: 0.047 ng

RT: 16.06 min Scan# 1438

Delta R.T. -0.33 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615DL

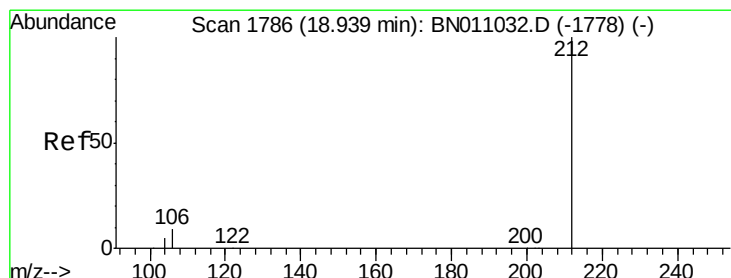
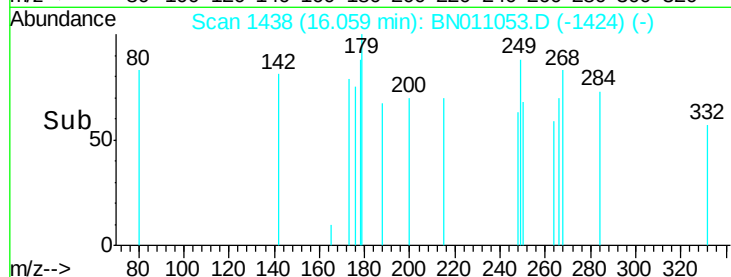
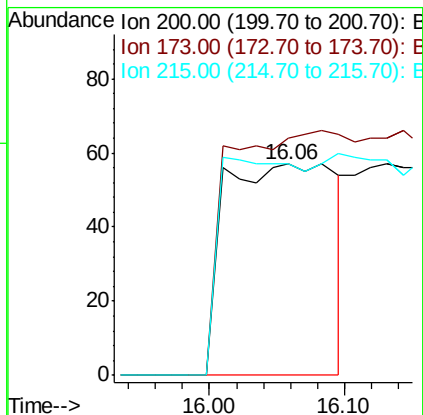
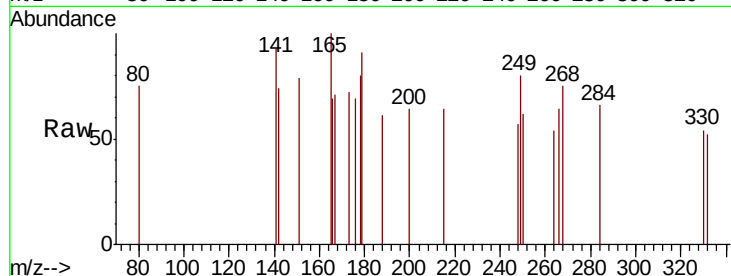
Tot Ion:200 Resp: 324

Ion Ratio Lower Upper

200 100

173 112.3 19.4 29.2#

215 100.0 41.5 62.3#



#27

Fluoranthene-d10

Concen: 0.240 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

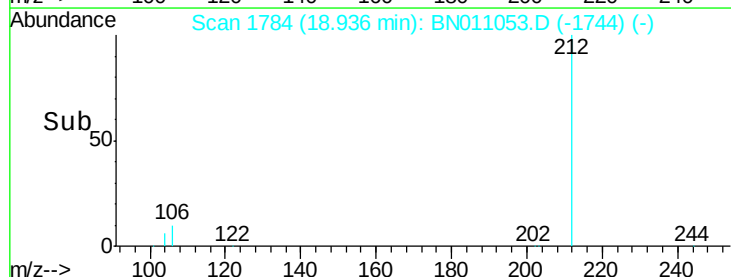
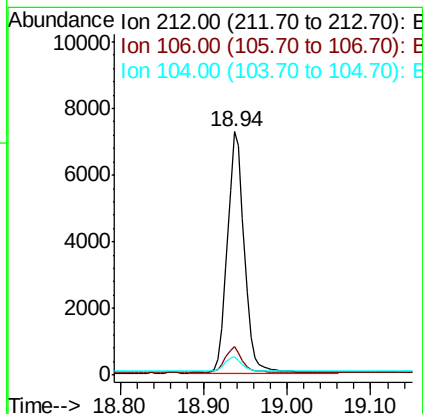
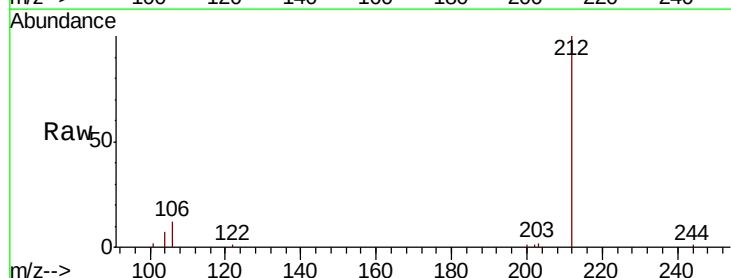
Tgt Ion:212 Resp: 10252

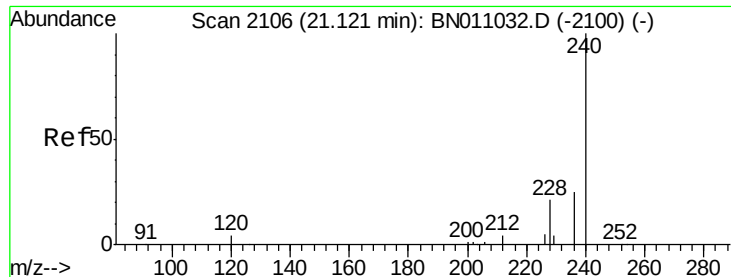
Ion Ratio Lower Upper

212 100

106 10.3 7.7 11.5

104 5.8 4.6 6.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200615DL

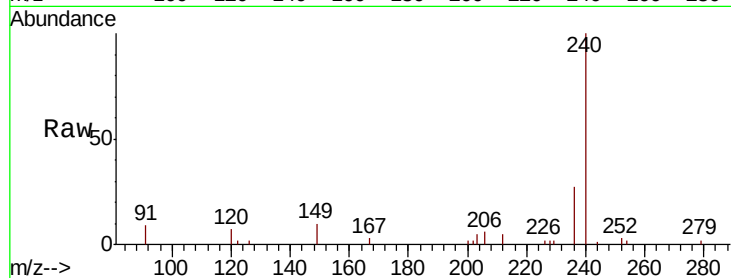
Tot Ion:240 Resp: 12768

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

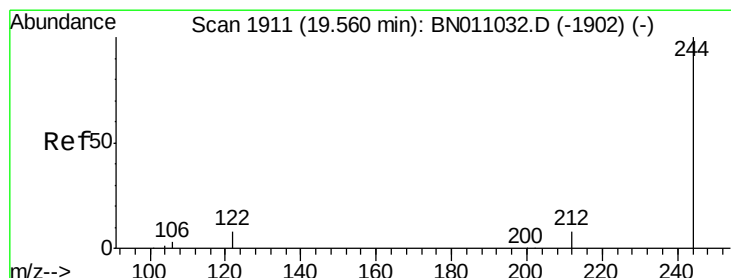
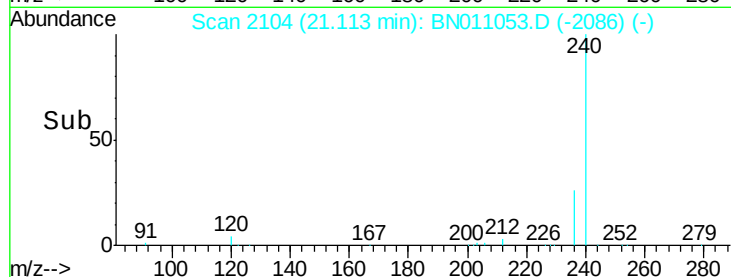
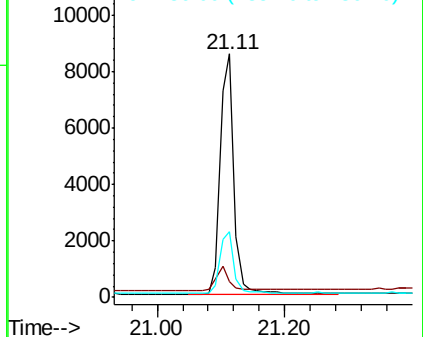
236 26.8 21.4 32.2



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: 0.253 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011053.D

Acq: 24 Jun 2020 18:02

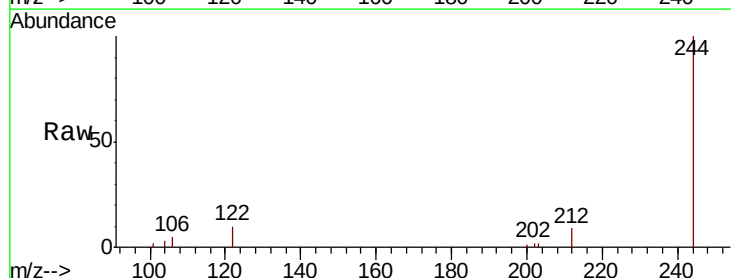
Tgt Ion:244 Resp: 8677

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

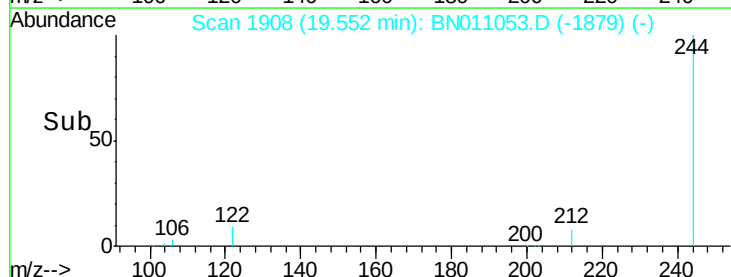
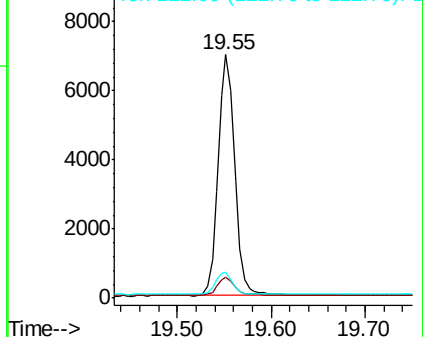
122 10.4 7.4 11.0

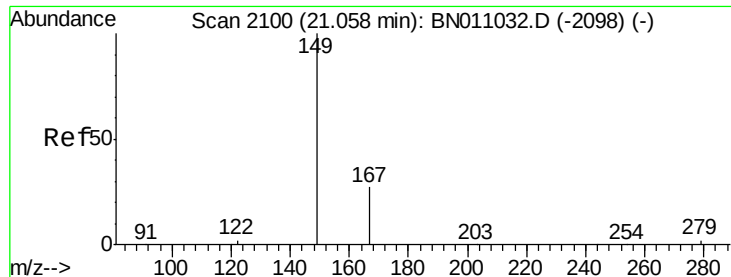


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

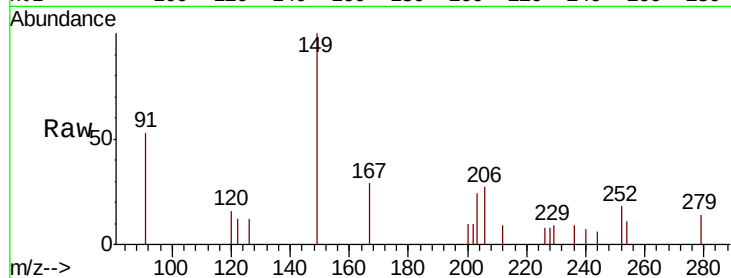




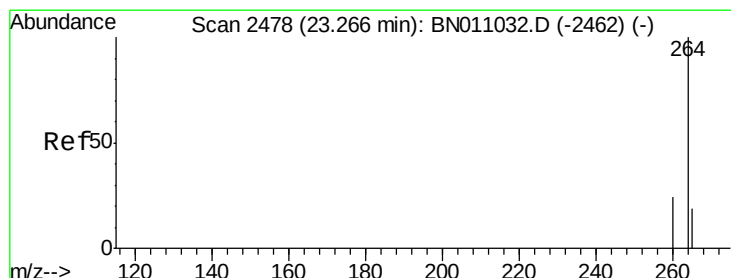
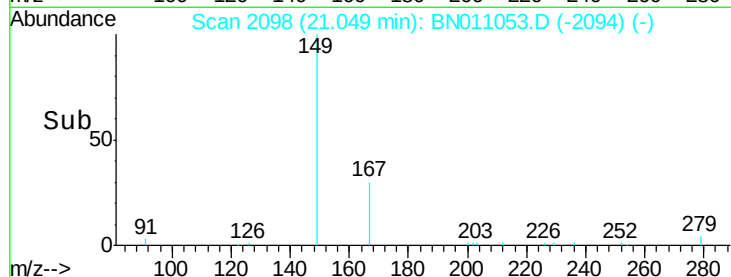
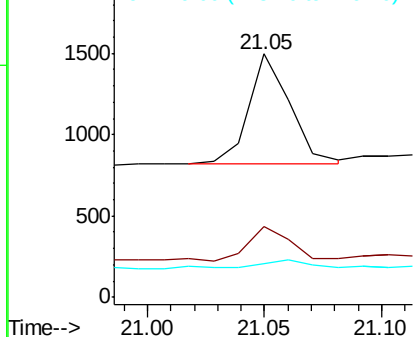
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.05 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BN011053.D
 Acq: 24 Jun 2020 18:02

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200615DL

Tot Ion:149 Resp: 810
 Ion Ratio Lower Upper
 149 100
 167 33.6 22.2 33.2#
 279 7.5 3.9 5.9#

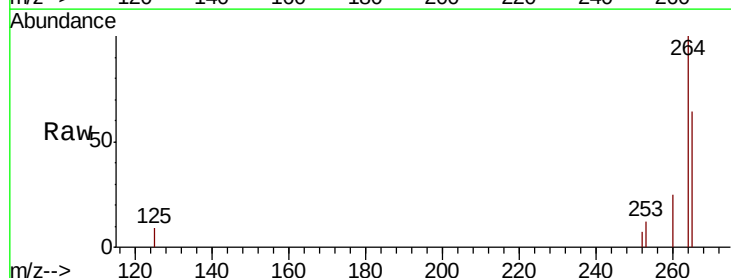


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BN011053.D
 Acq: 24 Jun 2020 18:02

Tgt Ion:264 Resp: 13057
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 64.3 64.9 97.3#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

