

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010986.D
 Acq On : 20 Jun 2020 03:11
 Operator : CG/JU
 Sample : L3043-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200615

Quant Time: Jun 20 06:18:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

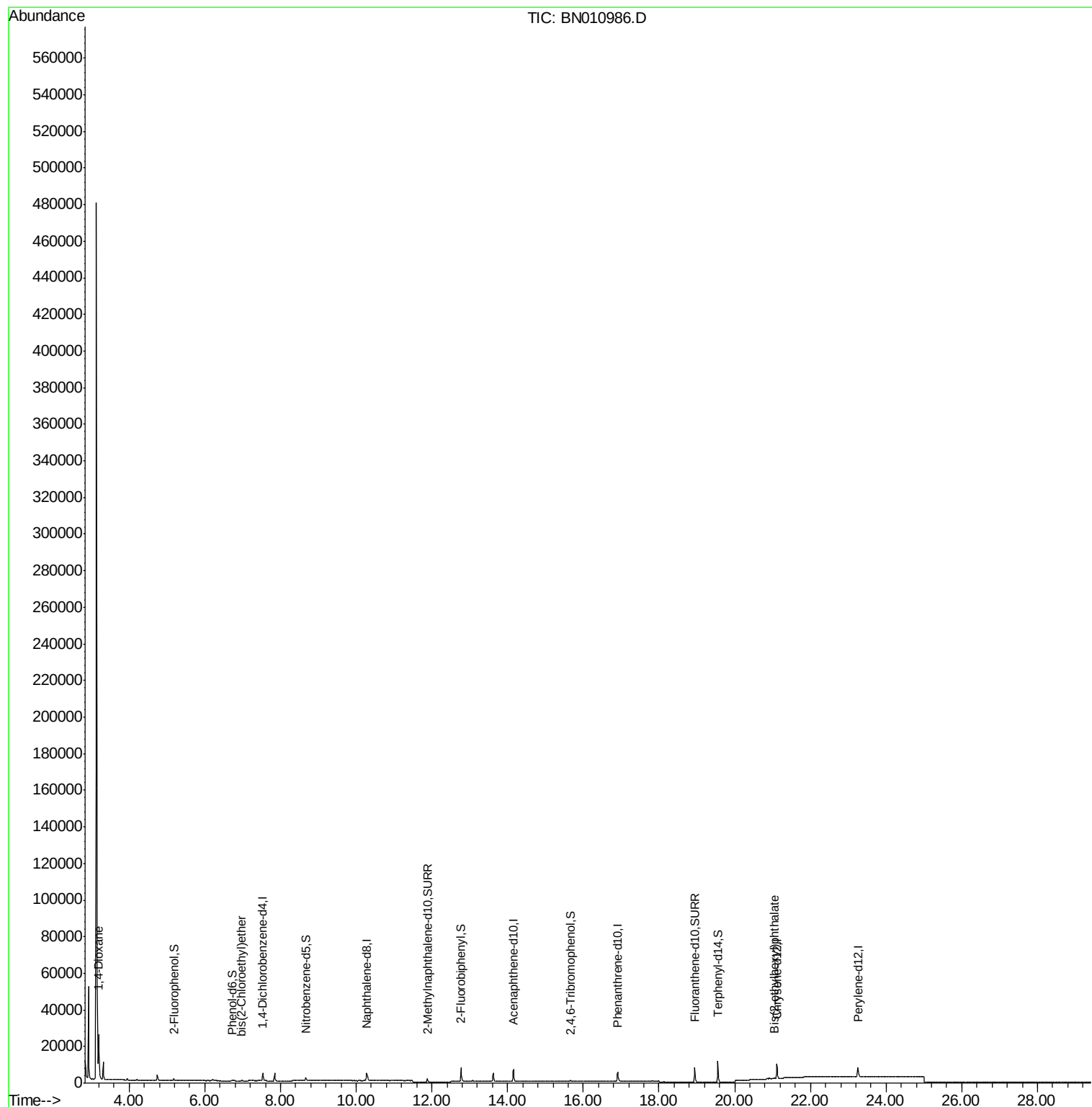
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2258	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7082	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4328	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8661	0.40	ng	0.01
27) Chrysene-d12	21.11	240	8775	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7496	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	863	0.20	ng	0.00
5) Phenol-d6	6.73	99	516	0.10	ng	0.00
8) Nitrobenzene-d5	8.67	82	2432	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3699	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	639	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	7901	0.46	ng	0.00
25) Fluoranthene-d10	18.94	212	10913	0.46	ng	0.00
29) Terphenyl-d14	19.56	244	12337	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	15167	6.858	ng	99
6) bis(2-Chloroethyl)ether	6.99	93	114	0.023	ng	93
32) Bis(2-ethylhexyl)phthalate	21.06	149	492	0.057	ng	# 95

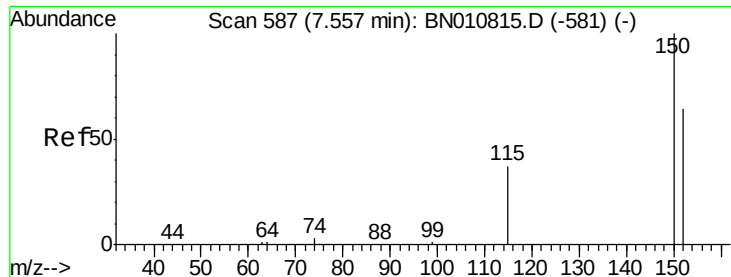
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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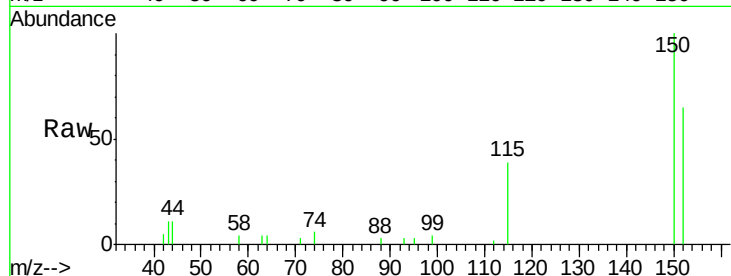


#1

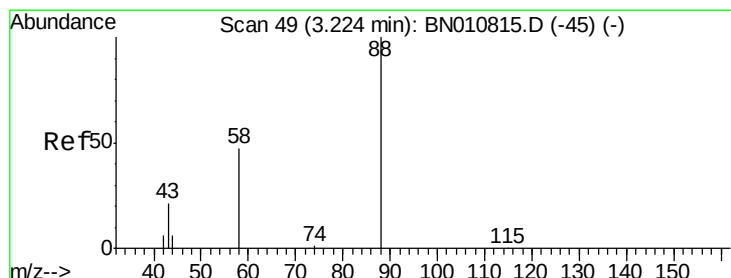
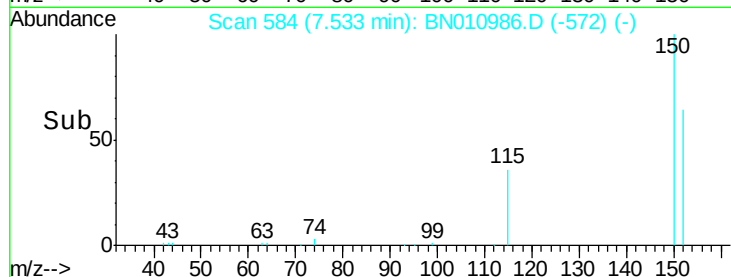
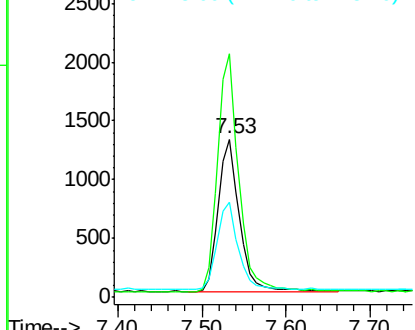
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010986.D
Acq: 20 Jun 2020 03:11

Instrument :
BNA_N
ClientSampleId :
RE120D1-20200615

Tot Ion:152 Resp: 2258
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 60.1 49.2 73.8



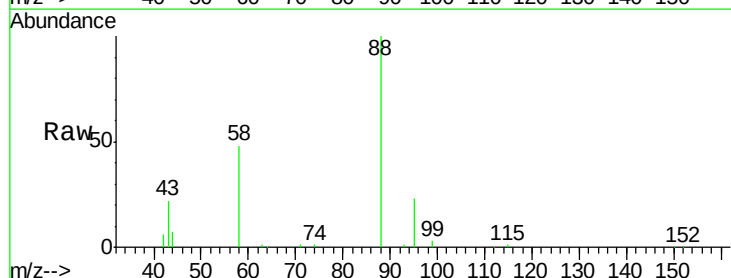
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



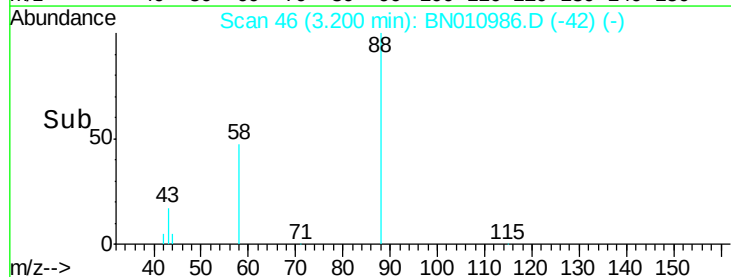
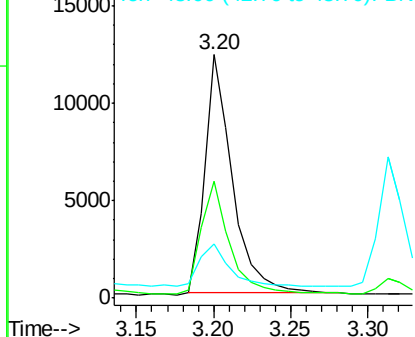
#2

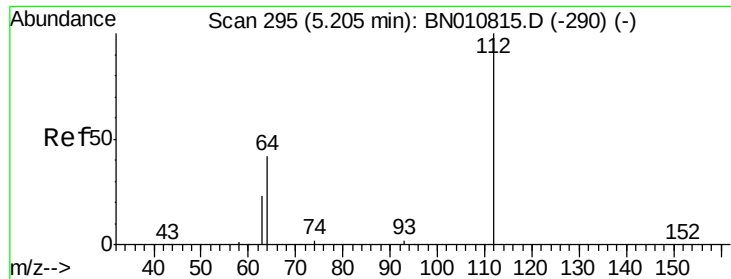
1,4-Dioxane
Concen: 6.858 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010986.D
Acq: 20 Jun 2020 03:11

Tgt Ion: 88 Resp: 15167
Ion Ratio Lower Upper
88 100
58 46.7 38.2 57.4
43 19.4 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615

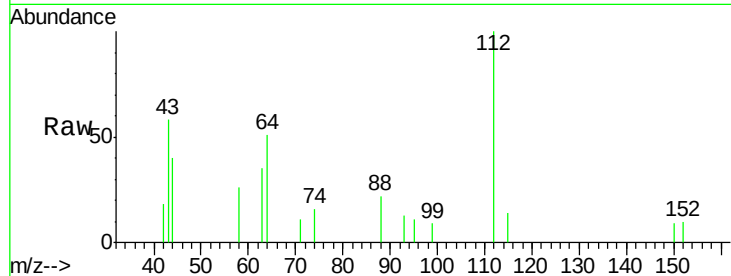
Tot Ion:112 Resp: 863

Ion Ratio Lower Upper

112 100

64 47.2 37.4 56.0

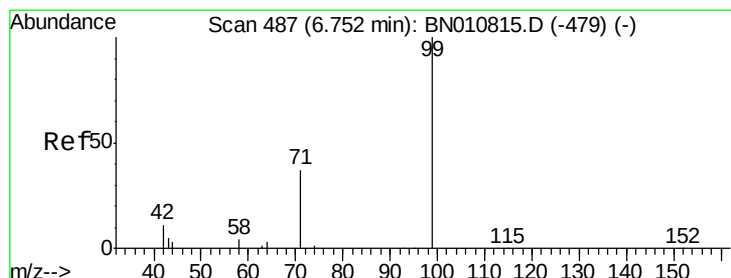
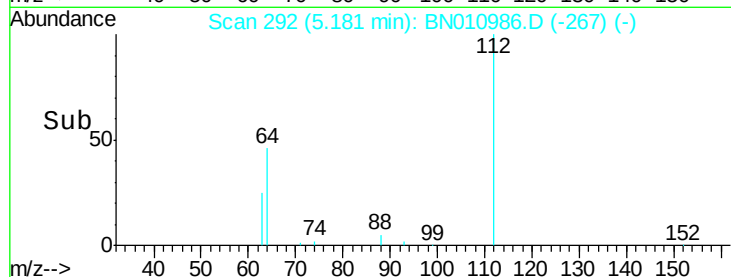
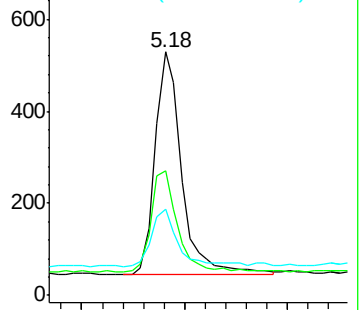
63 25.4 22.2 33.4



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: 0.100 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

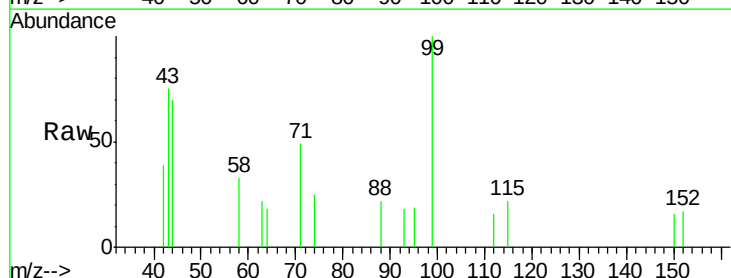
Tgt Ion: 99 Resp: 516

Ion Ratio Lower Upper

99 100

42 21.9 11.1 16.7#

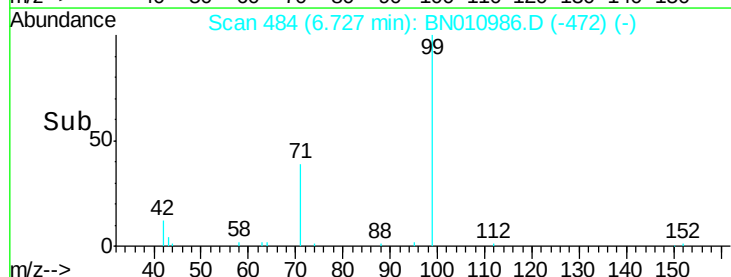
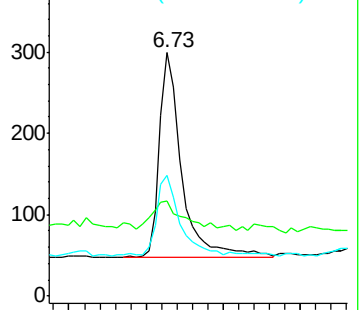
71 41.7 31.4 47.2

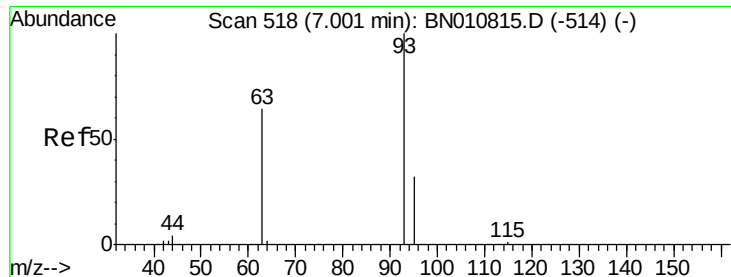


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.023 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.01 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615

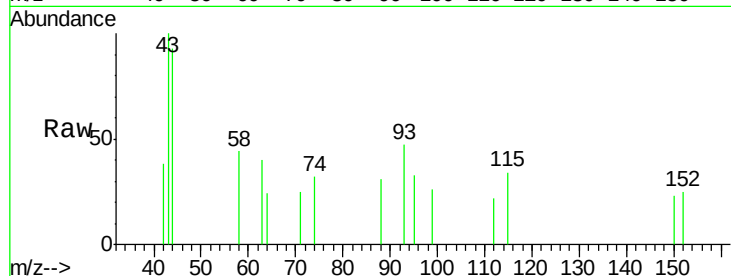
Tot Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

63 56.1 49.4 74.2

95 36.8 26.7 40.1

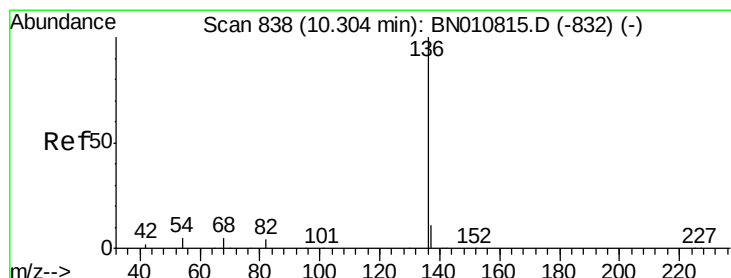
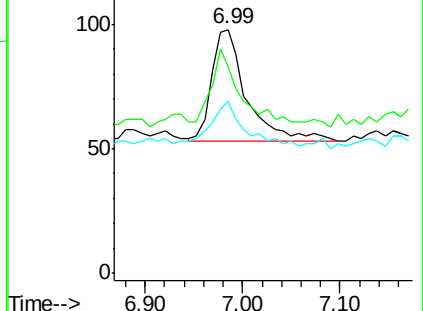
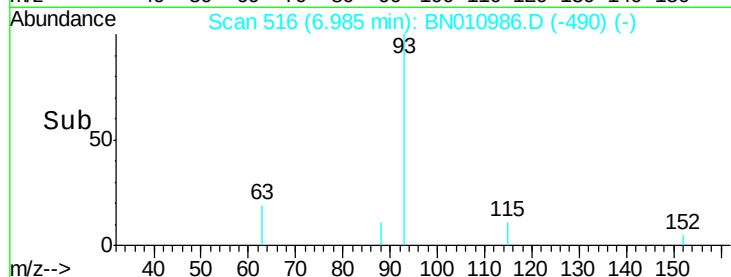


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Tgt Ion: 136 Resp: 7082

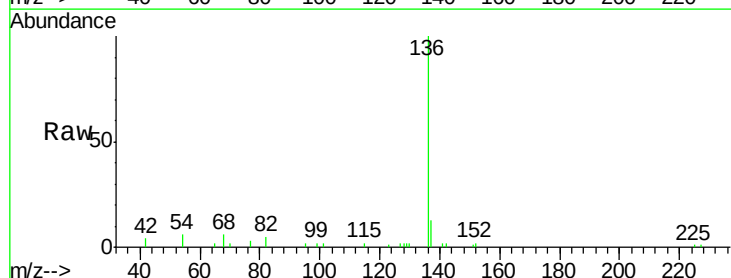
Ion Ratio Lower Upper

136 100

137 12.7 9.7 14.5

54 6.1 4.9 7.3

68 6.2 4.7 7.1



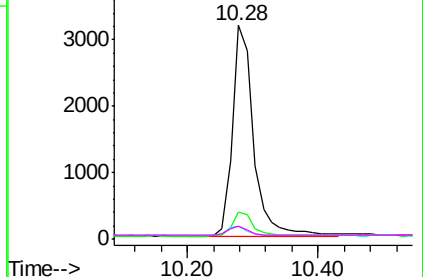
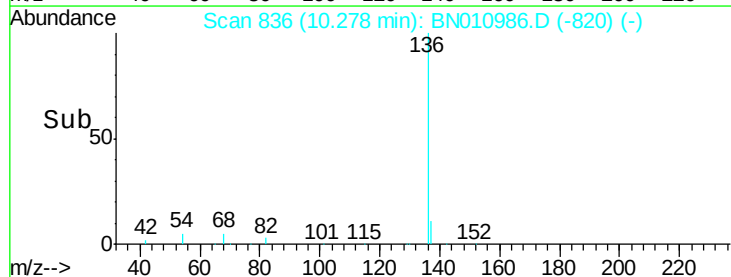
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

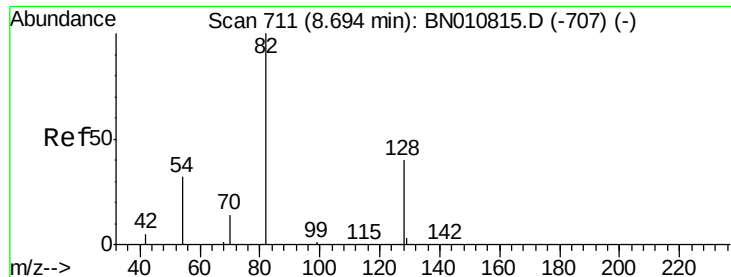
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.464 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615

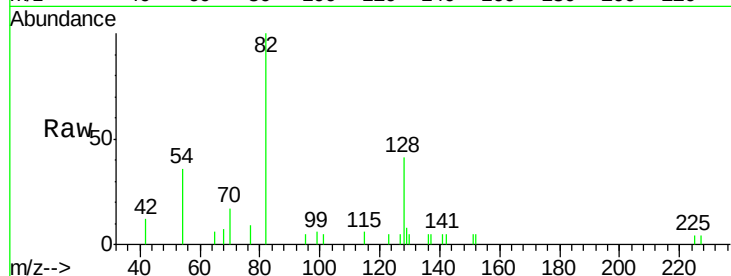
Tot Ion: 82 Resp: 2432

Ion Ratio Lower Upper

82 100

128 40.5 35.4 53.0

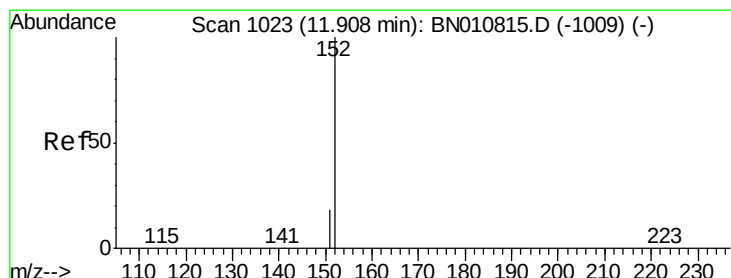
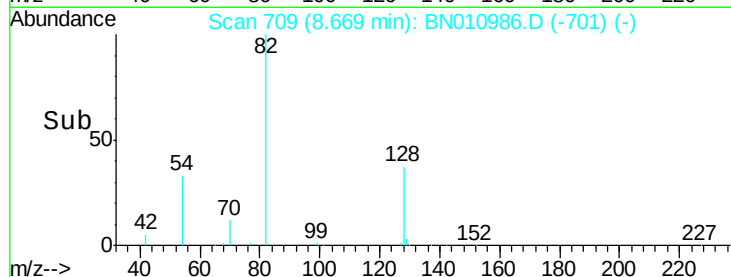
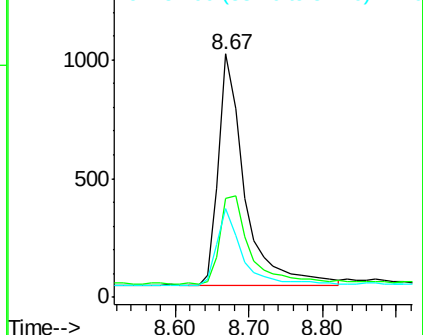
54 36.4 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010986.D (-709) (-)

Ion 128.00 (127.70 to 128.70): BN010986.D (-709) (-)

Ion 54.00 (53.70 to 54.70): BN010986.D (-709) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.337 ng

RT: 11.88 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BN010986.D

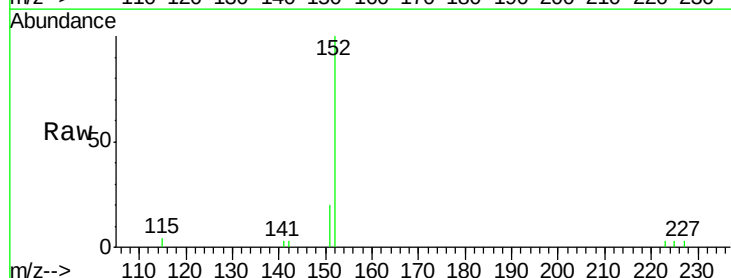
Acq: 20 Jun 2020 03:11

Tgt Ion: 152 Resp: 3699

Ion Ratio Lower Upper

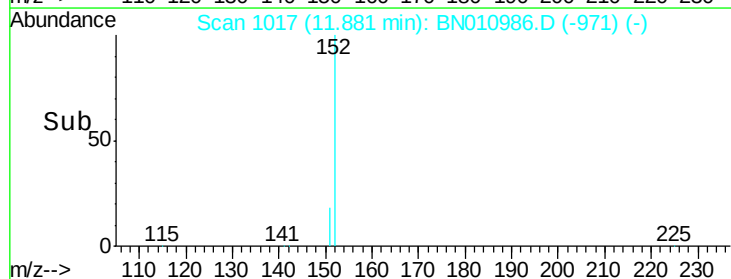
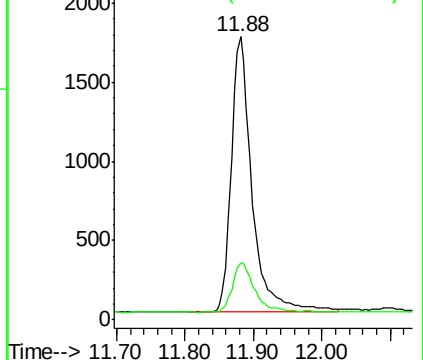
152 100

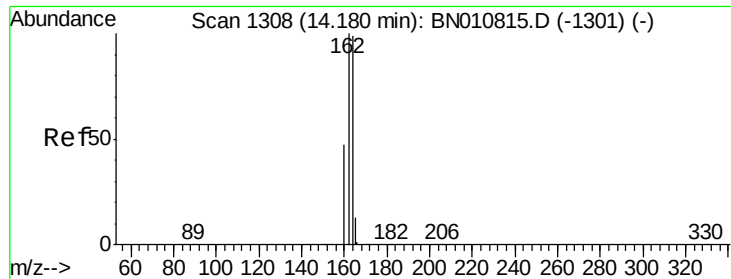
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010986.D (-971) (-)

Ion 151.00 (150.70 to 151.70): BN010986.D (-971) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

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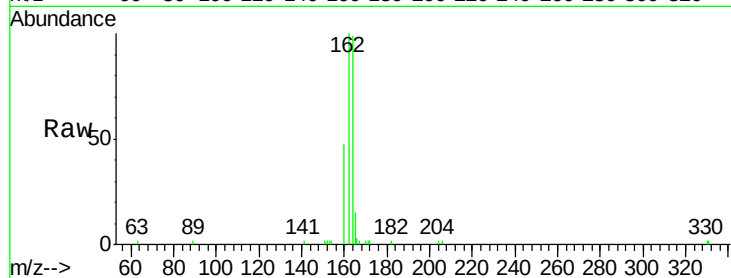
Tot Ion:164 Resp: 4328

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.6

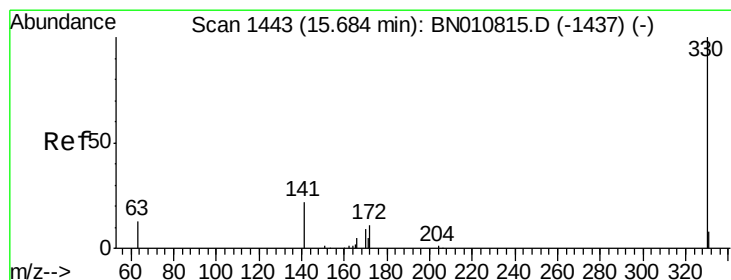
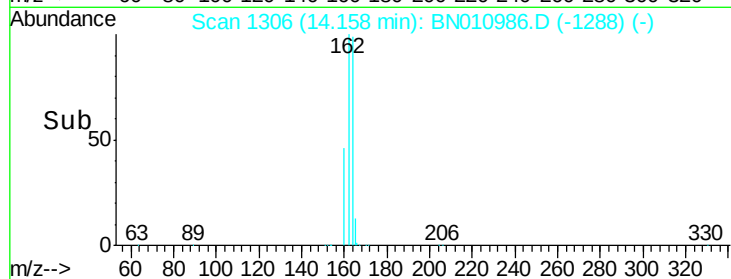
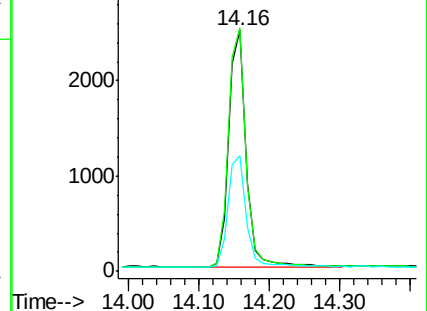
160 47.9 38.9 58.3



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: 0.413 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

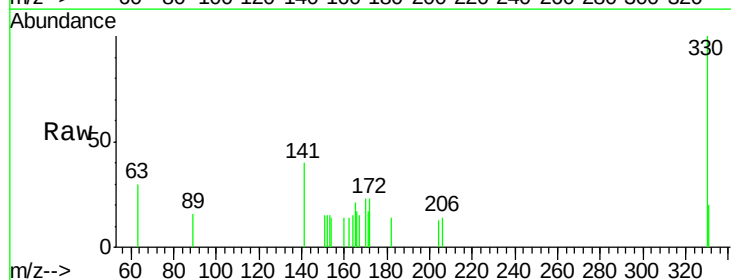
Tgt Ion:330 Resp: 639

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

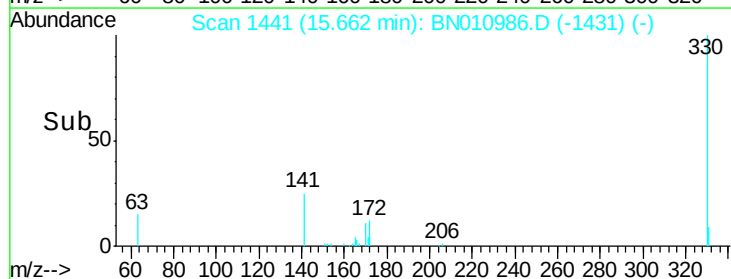
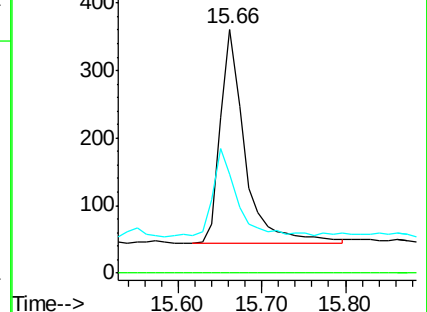
141 43.5 33.2 49.8

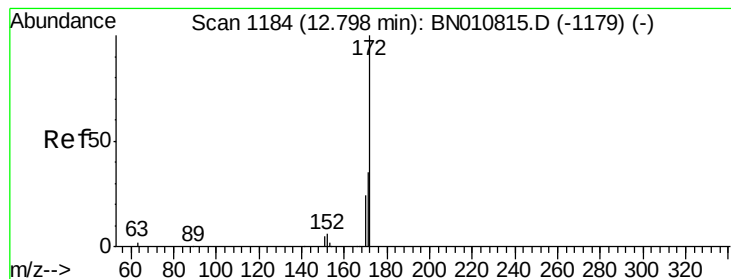


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.463 ng

RT: 12.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

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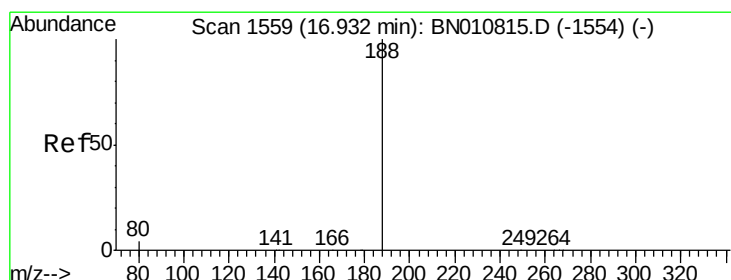
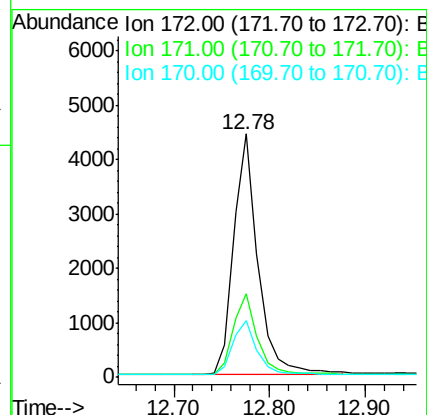
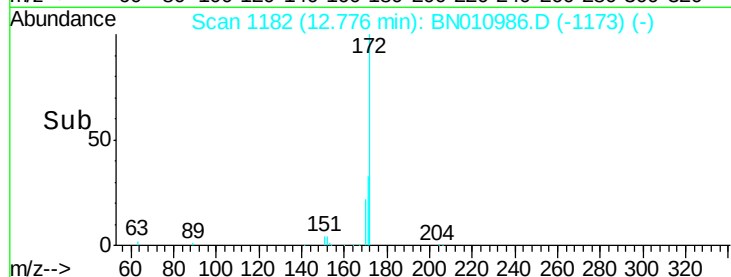
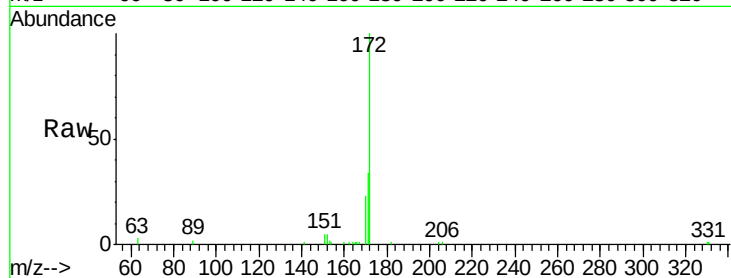
Tot Ion:172 Resp: 7901

Ion Ratio Lower Upper

172 100

171 34.2 28.5 42.7

170 23.2 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

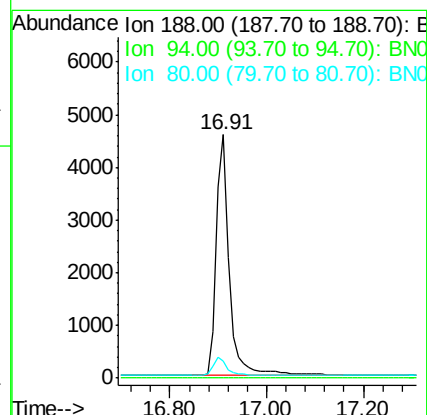
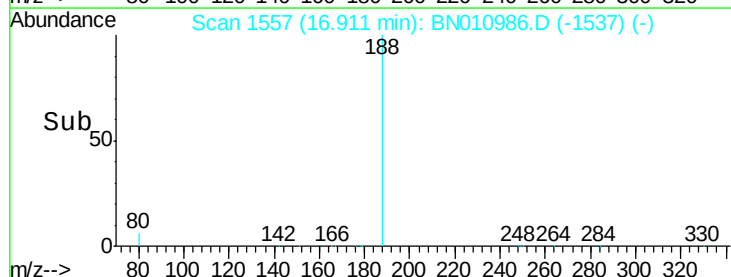
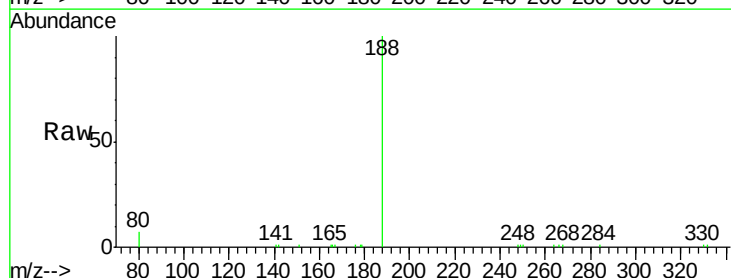
Tgt Ion:188 Resp: 8661

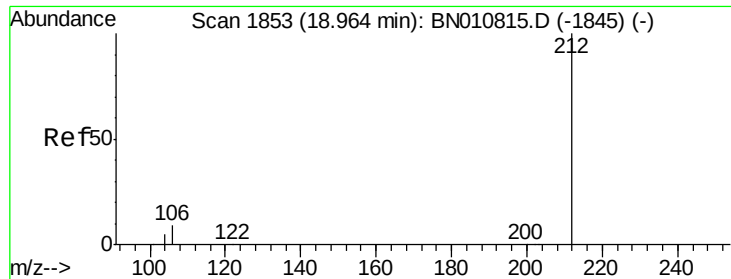
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

BNA_N

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RE120D1-20200615

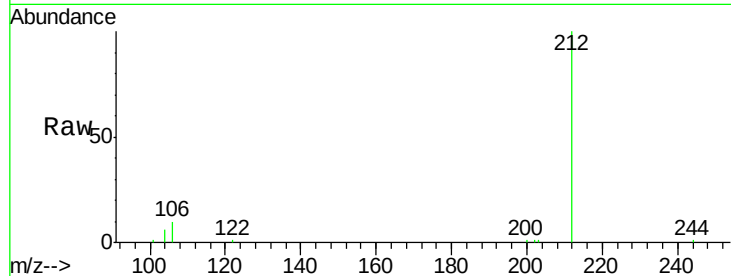
Tot Ion:212 Resp: 10913

Ion Ratio Lower Upper

212 100

106 8.9 6.6 10.0

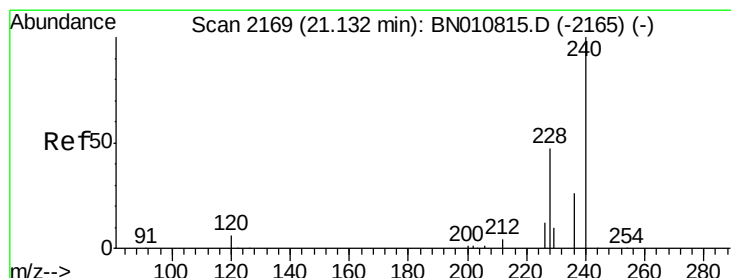
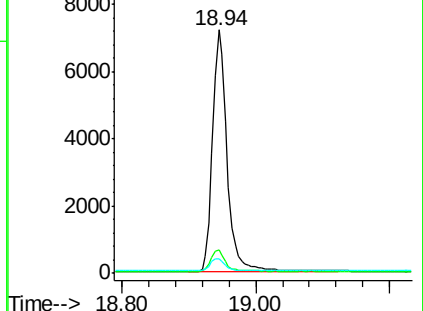
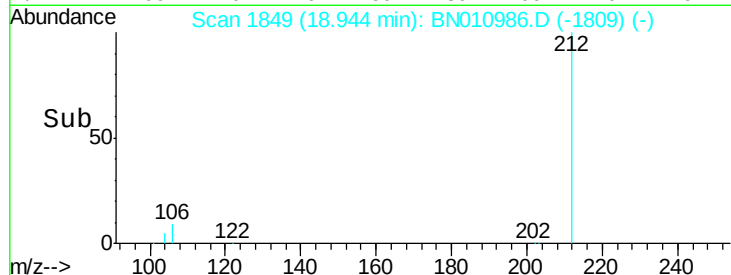
104 5.5 4.0 6.0



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

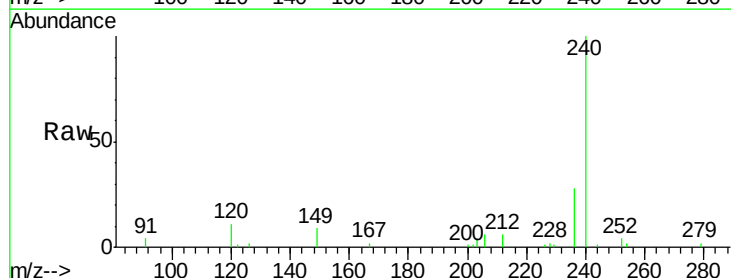
Tgt Ion:240 Resp: 8775

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

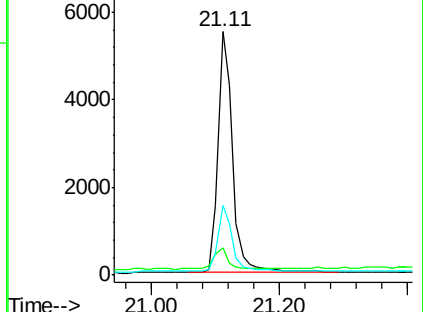
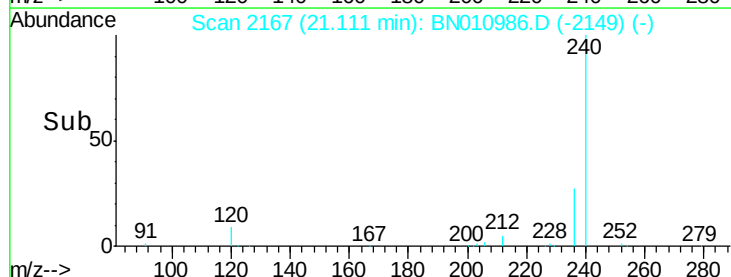
236 28.5 22.3 33.5

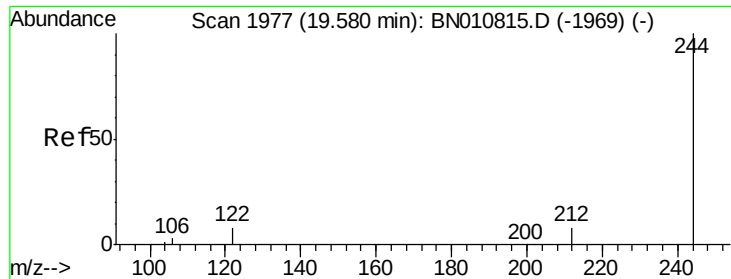


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.601 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615

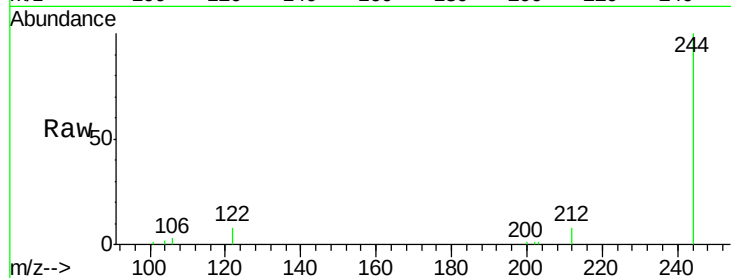
Tot Ion:244 Resp: 12337

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

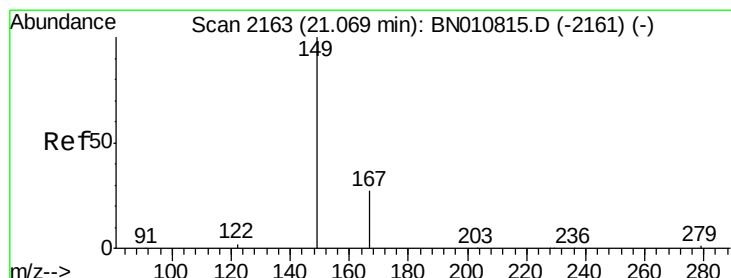
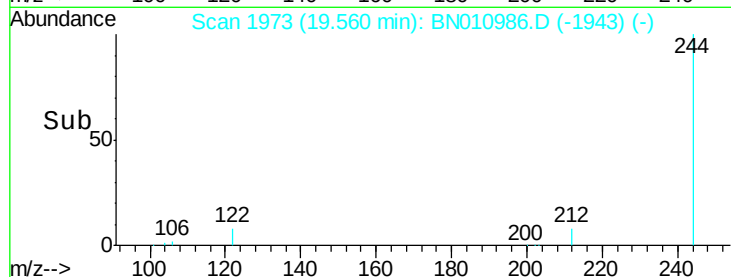
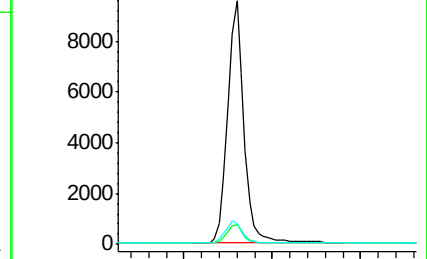
122 8.4 7.5 11.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

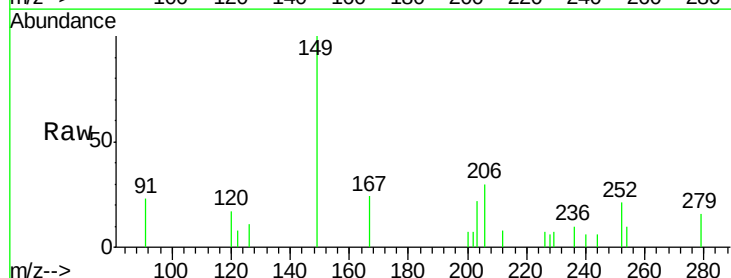
Tgt Ion:149 Resp: 492

Ion Ratio Lower Upper

149 100

167 27.2 24.1 36.1

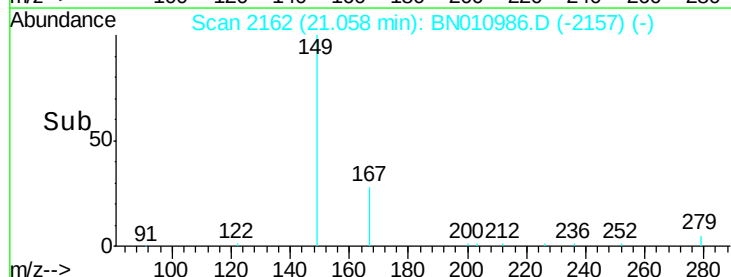
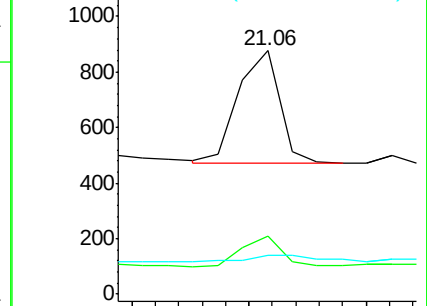
279 7.3 4.6 7.0#

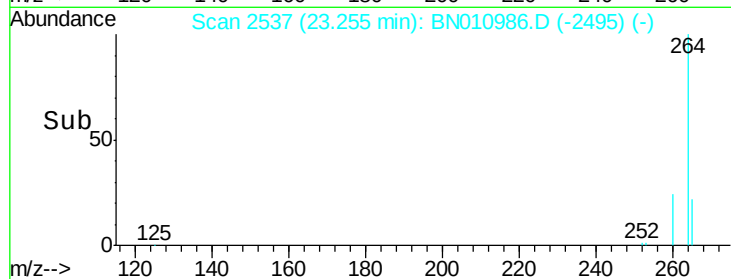
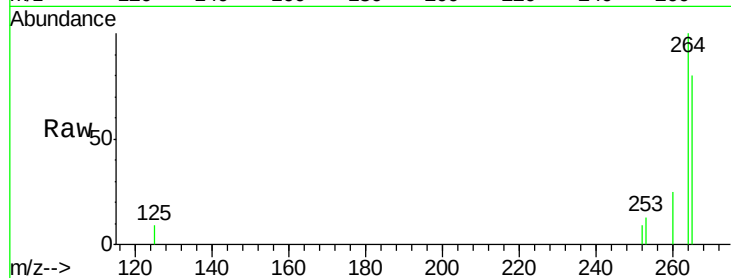
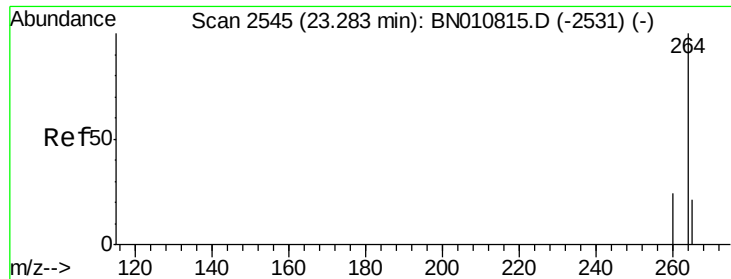


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010986.D

Acq: 20 Jun 2020 03:11

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615

Tot Ion: 264 Resp: 7496

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 79.6 75.0 112.4

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

