

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010976.D
 Acq On : 19 Jun 2020 18:47
 Operator : CG/JU
 Sample : L3043-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20200616

Quant Time: Jun 19 19:17:15 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

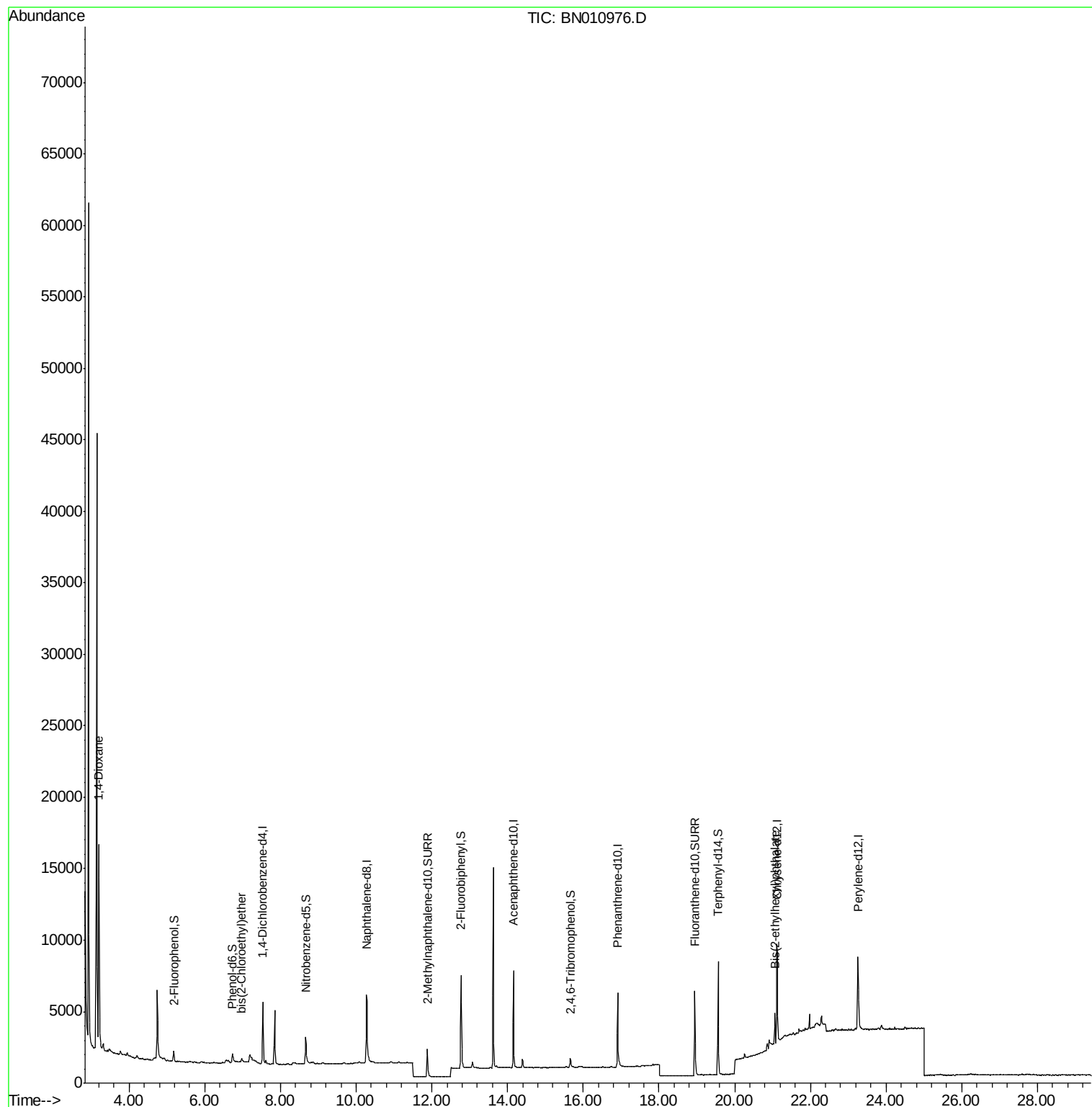
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2111	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8108	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3977	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8200	0.40	ng	0.00
27) Chrysene-d12	21.11	240	8373	0.40	ng	0.00
34) Perylene-d12	23.26	264	7643	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	680	0.17	ng	0.00
5) Phenol-d6	6.73	99	540	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	2162	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3267	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	561	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	6218	0.40	ng	0.00
25) Fluoranthene-d10	18.95	212	7922	0.35	ng	0.00
29) Terphenyl-d14	19.56	244	8940	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	10866	5.255	ng	98
6) bis(2-Chloroethyl)ether	6.98	93	262	0.056	ng	89
32) Bis(2-ethylhexyl)phthalate	21.06	149	1854	0.226	ng	95

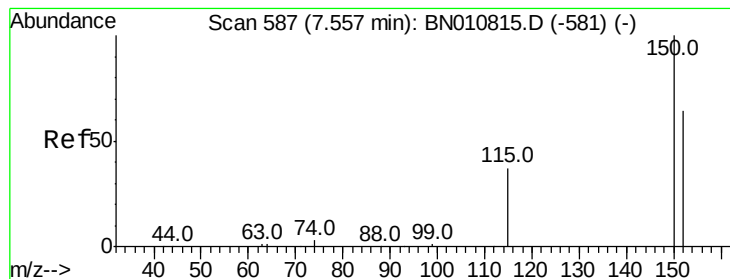
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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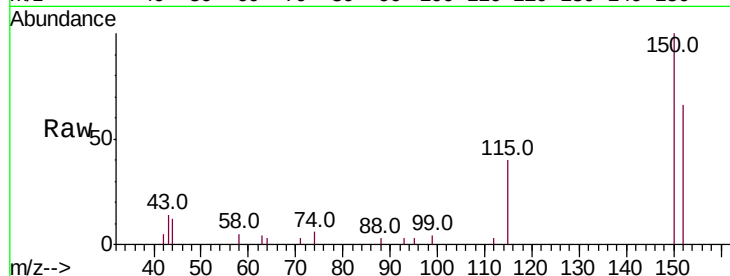


#1

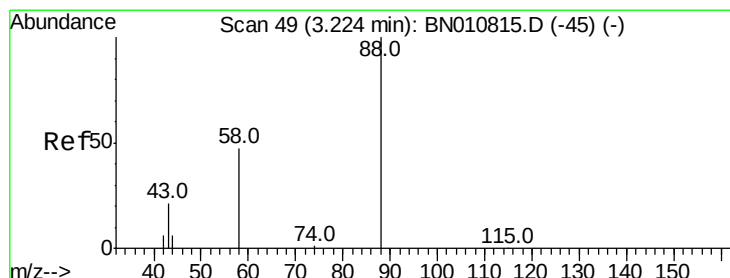
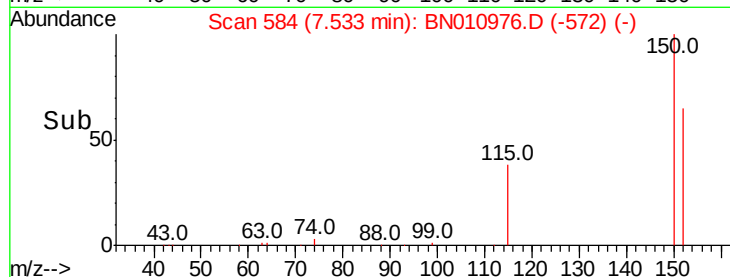
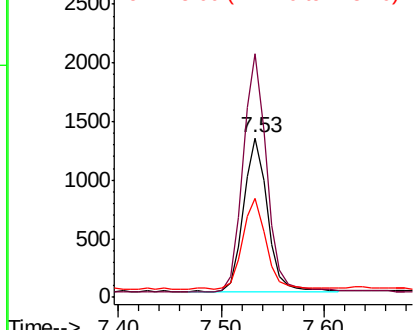
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010976.D
Acq: 19 Jun 2020 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20200616

Tot Ion:152 Resp: 2111
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 61.7 49.2 73.8



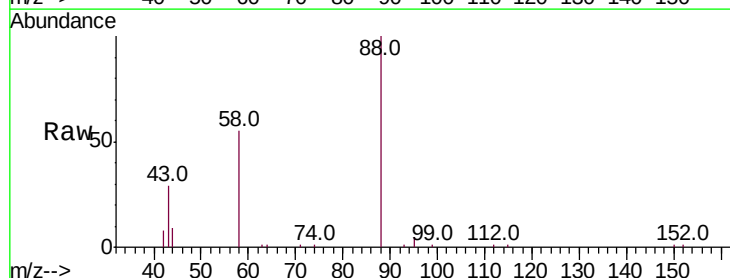
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



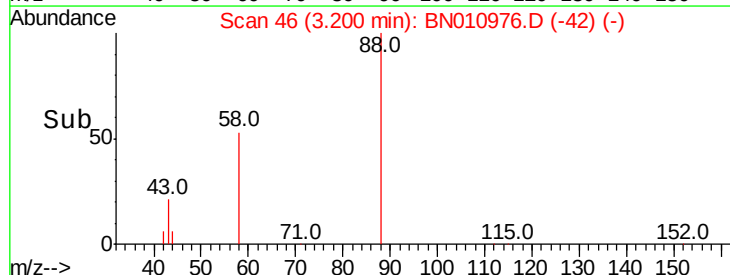
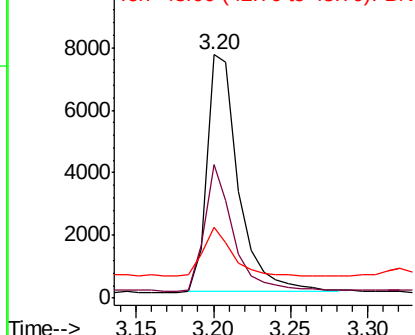
#2

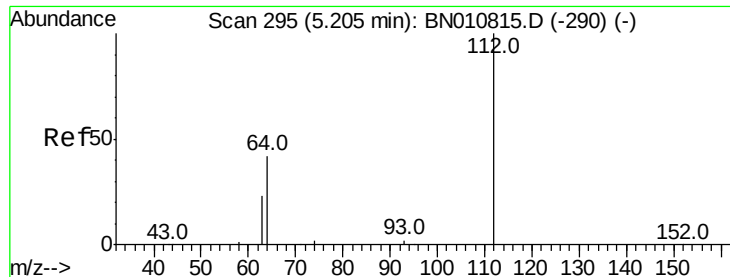
1,4-Dioxane
Concen: 5.255 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010976.D
Acq: 19 Jun 2020 18:47

Tgt Ion: 88 Resp: 10866
Ion Ratio Lower Upper
88 100
58 46.4 38.2 57.4
43 19.0 15.1 22.7



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: 0.167 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616

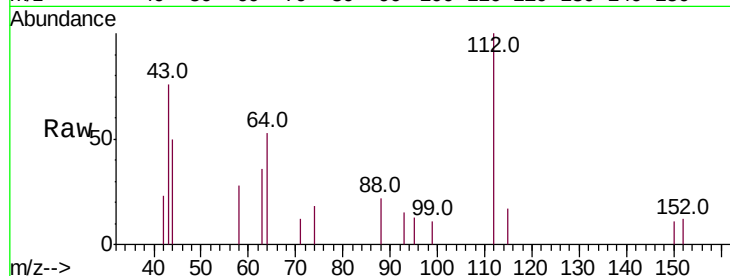
Tot Ion:112 Resp: 680

Ion Ratio Lower Upper

112 100

64 47.5 37.4 56.0

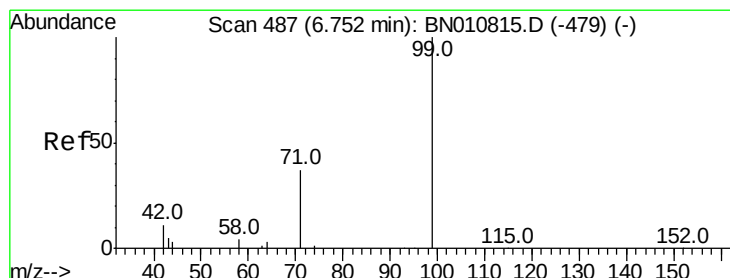
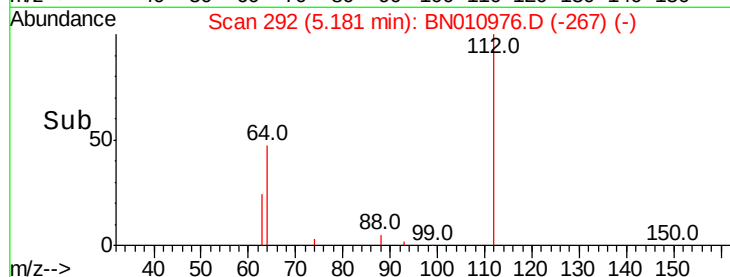
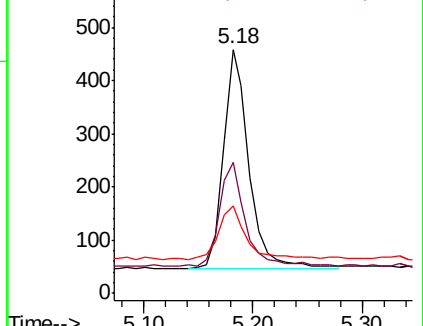
63 27.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.112 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

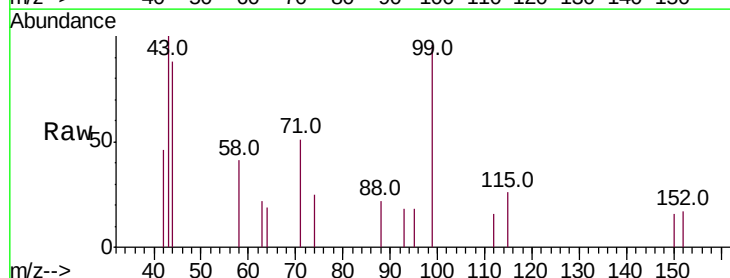
Tgt Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 23.1 11.1 16.7#

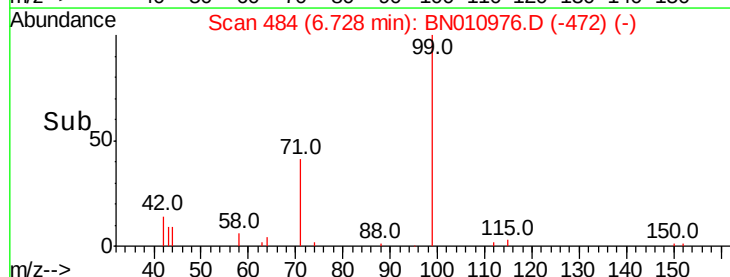
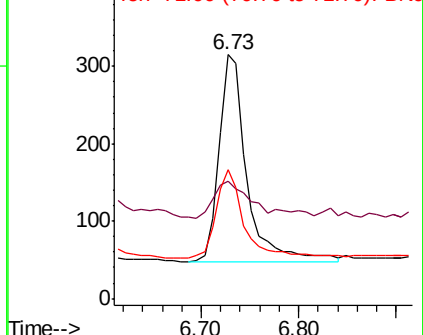
71 44.1 31.4 47.2

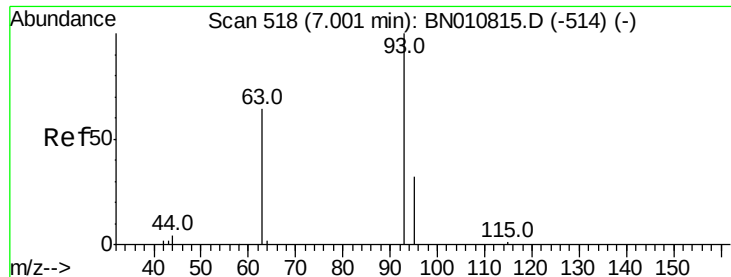


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.056 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616

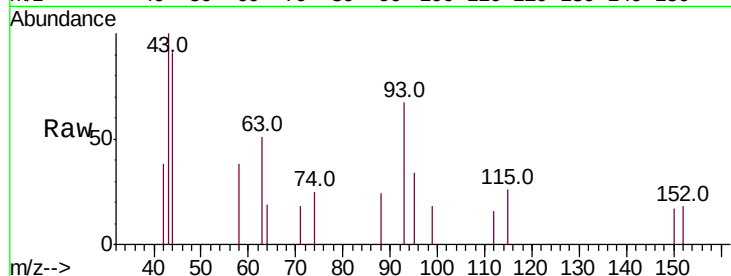
Tot Ion: 93 Resp: 262

Ion Ratio Lower Upper

93 100

63 71.8 49.4 74.2

95 37.4 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) (-)

6.98

200

150

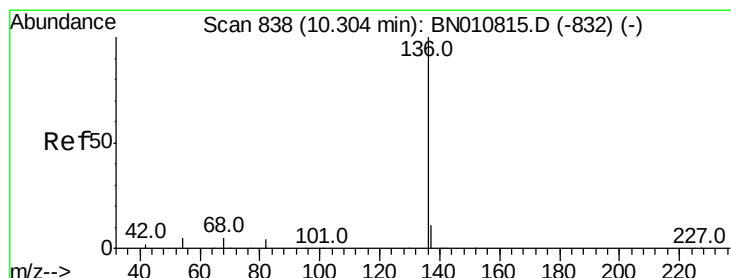
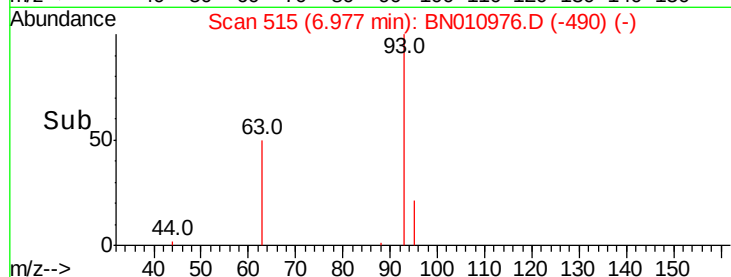
100

50

0

6.90 6.95 7.00 7.05

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Tgt Ion: 136 Resp: 8108

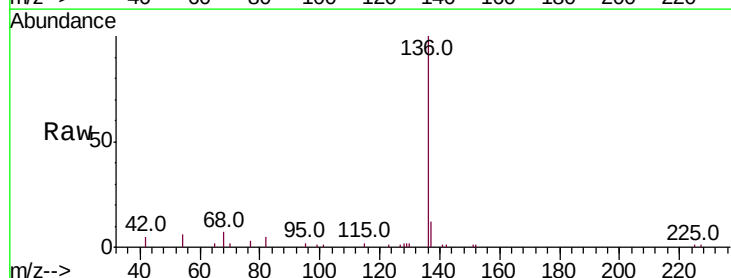
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 6.2 4.9 7.3

68 6.9 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) (-)

10.28

6000

5000

4000

3000

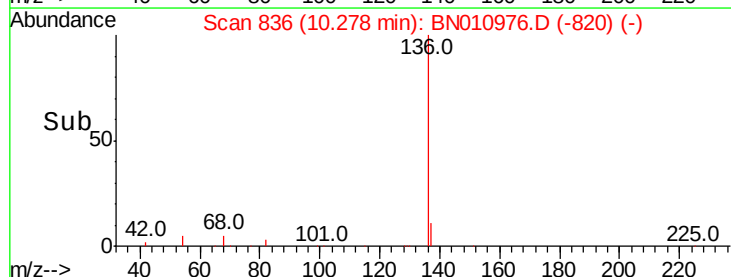
2000

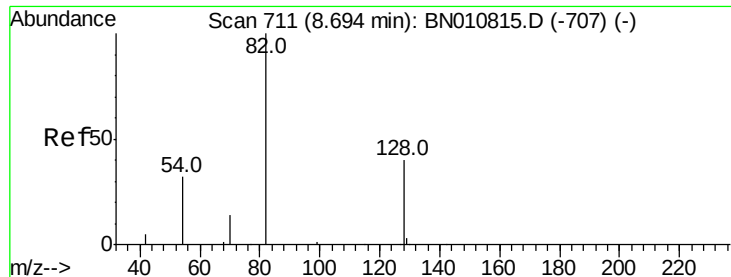
1000

0

10.20 10.40

Time-->

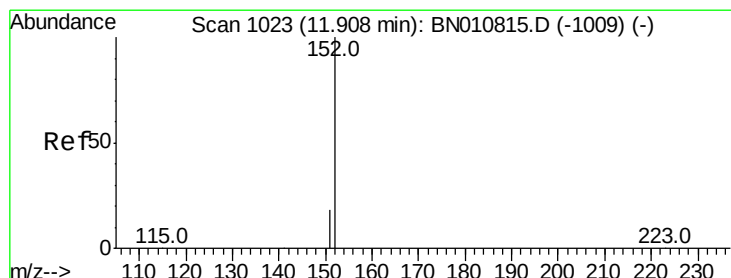
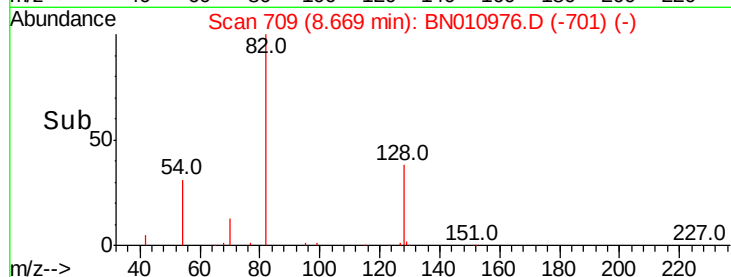
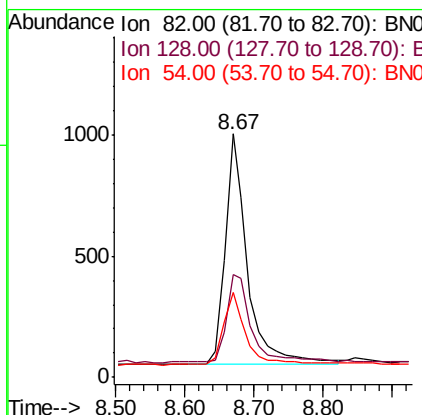
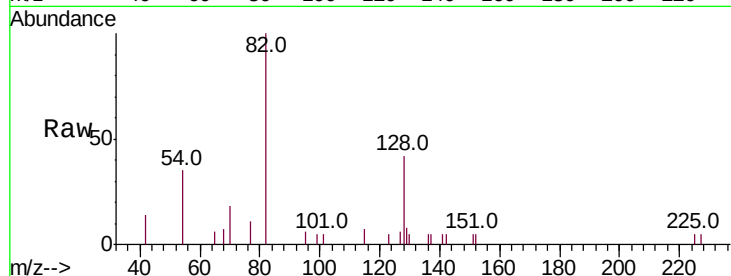




#8
 Nitrobenzene-d5
 Concen: 0.360 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010976.D
 Acq: 19 Jun 2020 18:47

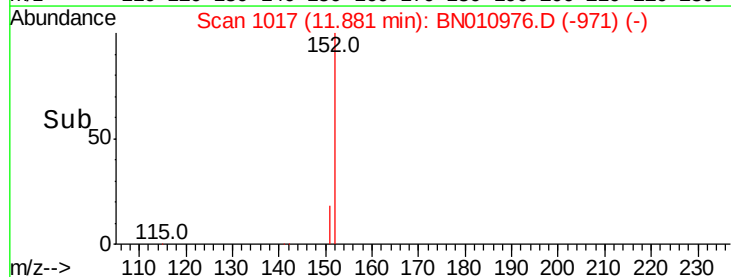
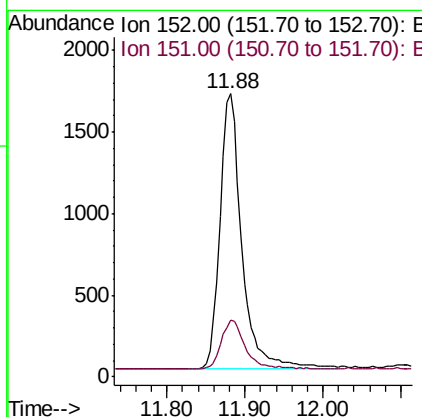
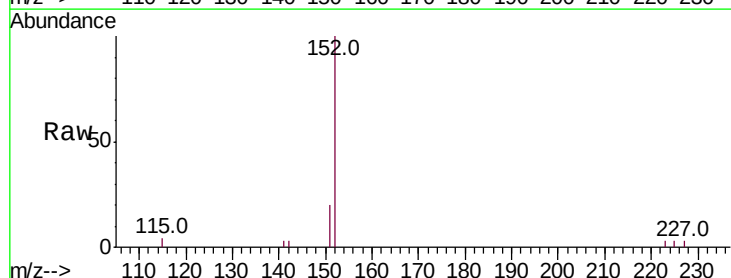
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20200616

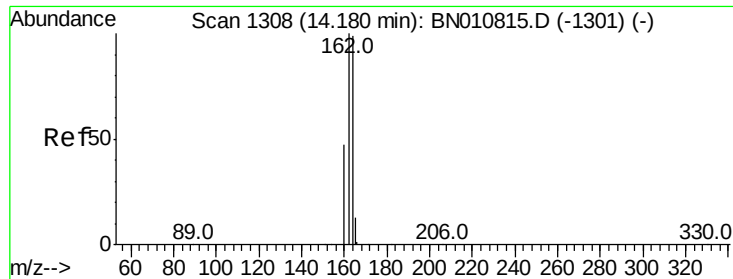
Tot Ion: 82 Resp: 2162
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.4 53.0
 54 34.9 28.2 42.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.260 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BN010976.D
 Acq: 19 Jun 2020 18:47

Tgt Ion: 152 Resp: 3267
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.3 22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Instrument :

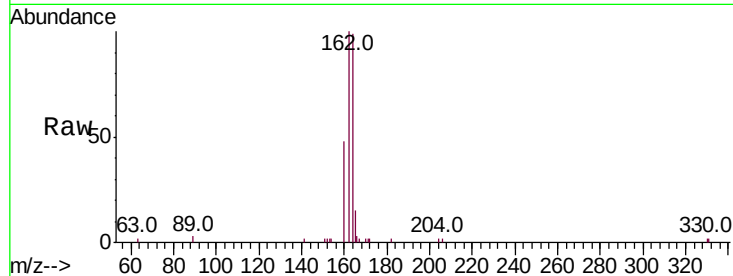
BNA_N

ClientSampleId :

TT101D-20200616

Tot Ion:164 Resp: 3977

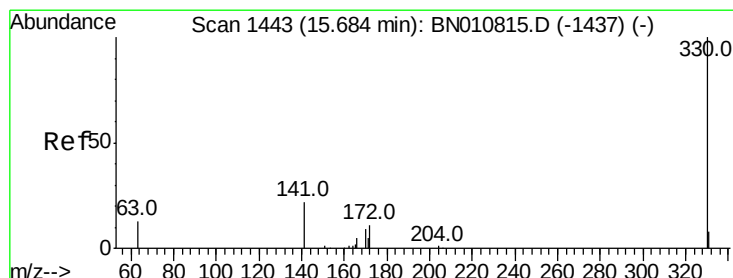
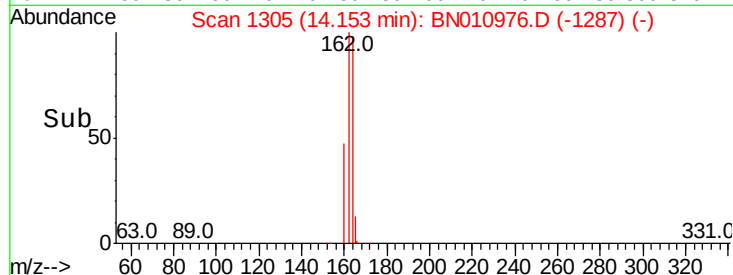
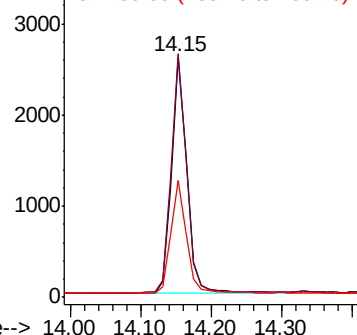
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.0	121.6
160	48.8	38.9	58.3



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: 0.394 ng

RT: 15.66 min Scan# 1440

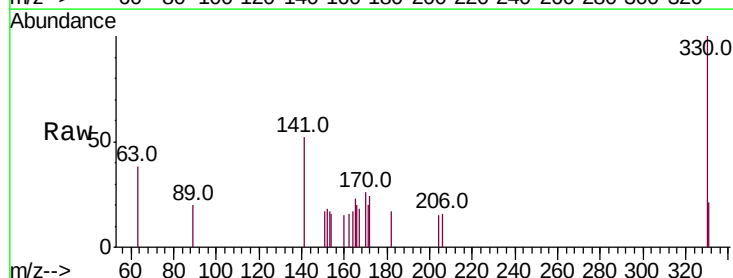
Delta R.T. 0.01 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Tgt Ion:330 Resp: 561

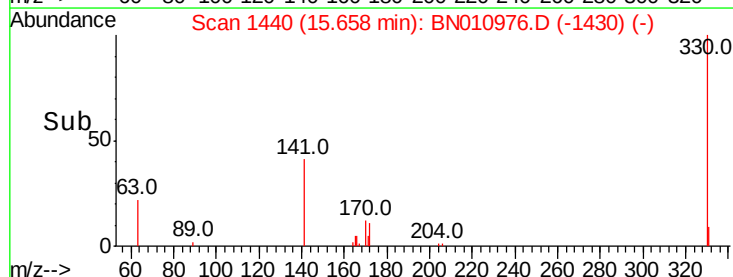
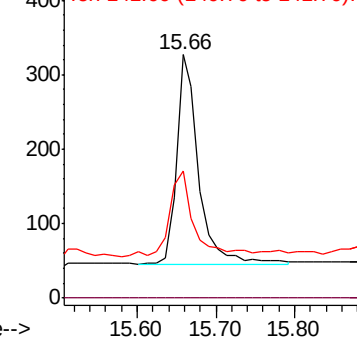
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.6	33.2	49.8

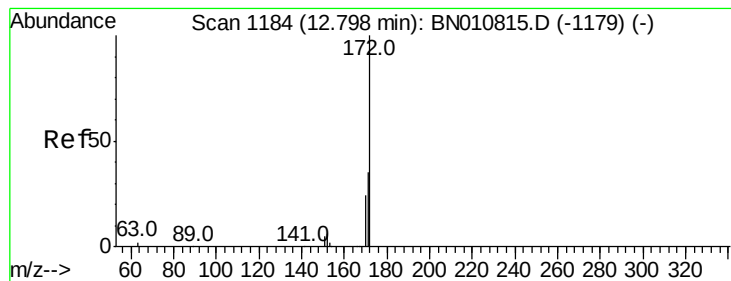


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.396 ng

RT: 12.77 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

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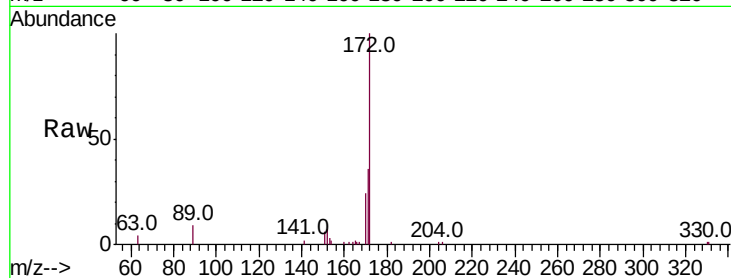
Tot Ion:172 Resp: 6218

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

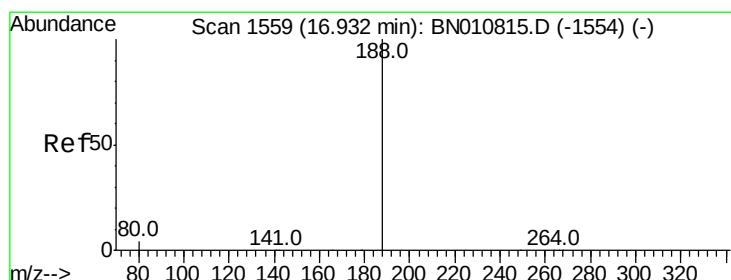
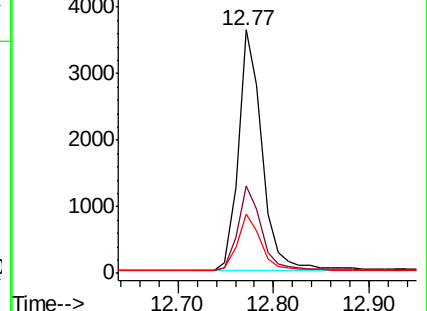
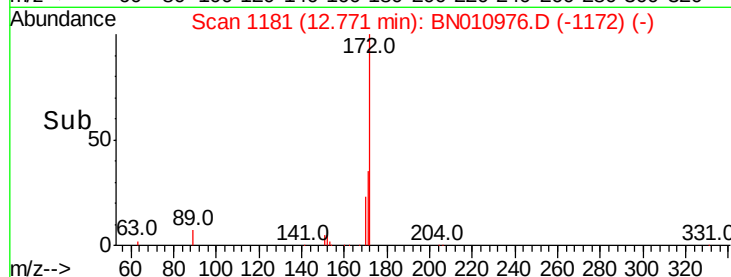
170 24.4 19.7 29.5



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# 1556

Delta R.T. 0.01 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

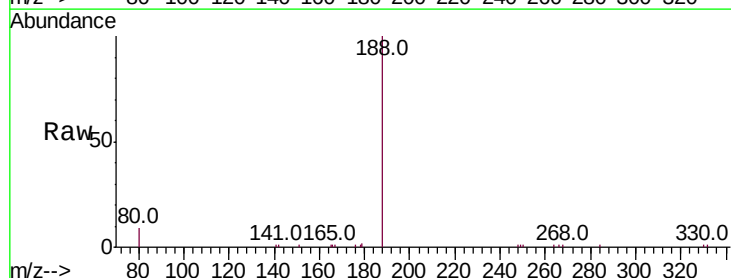
Tgt Ion:188 Resp: 8200

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

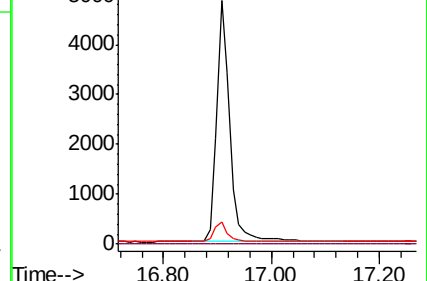
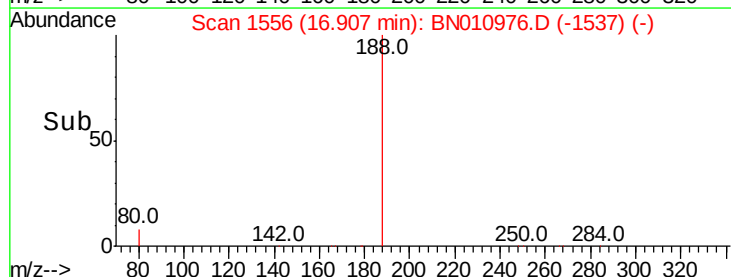
80 9.0 4.5 6.7#

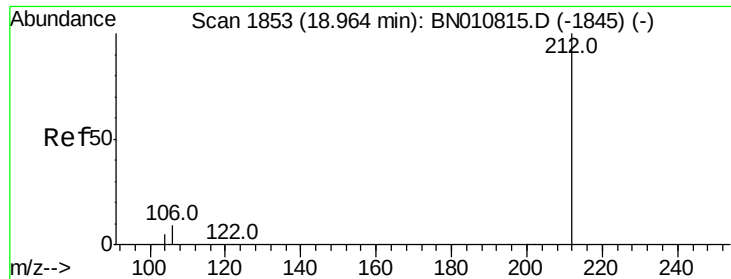


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN010976.D

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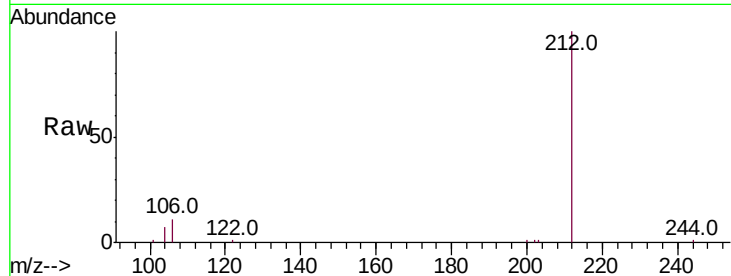
Tot Ion:212 Resp: 7922

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

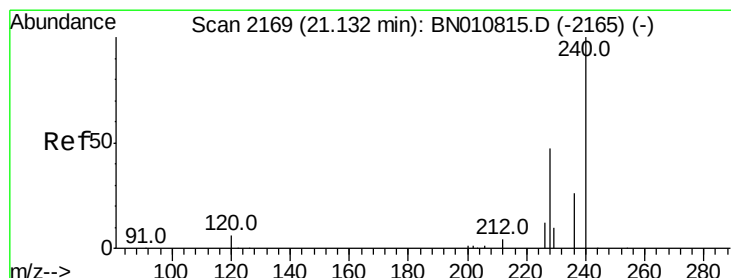
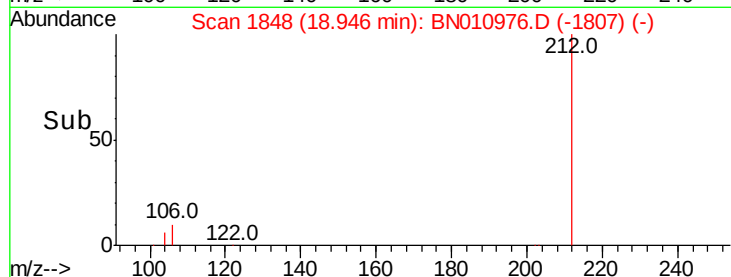
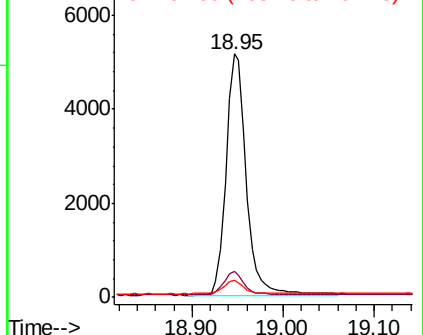
104 5.8 4.0 6.0



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# 2166

Delta R.T. -0.01 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

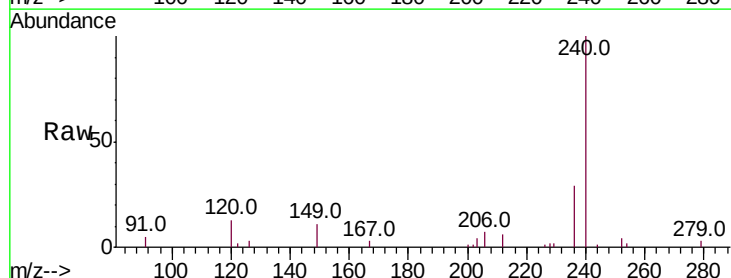
Tgt Ion:240 Resp: 8373

Ion Ratio Lower Upper

240 100

120 12.5 7.5 11.3#

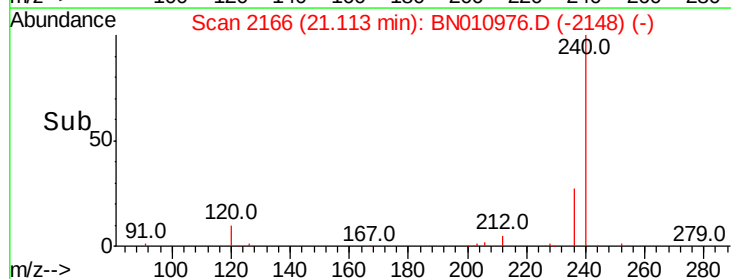
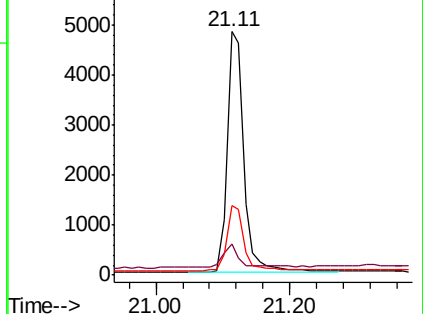
236 28.8 22.3 33.5

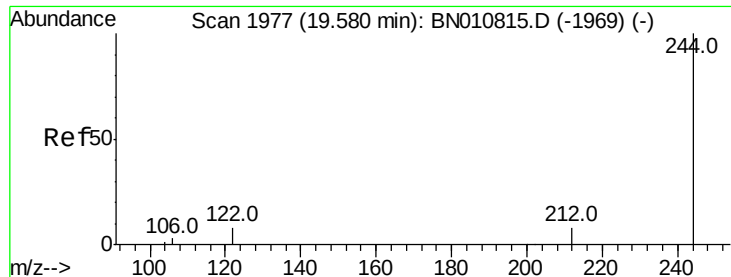


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.56 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616

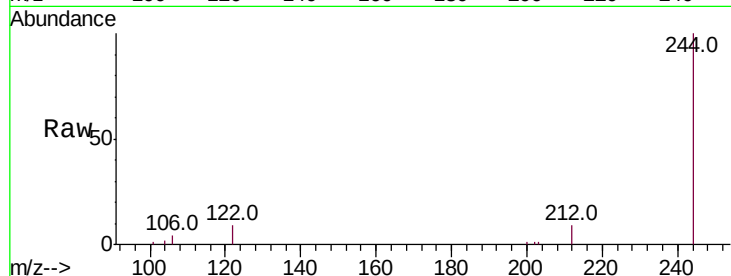
Tot Ion:244 Resp: 8940

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

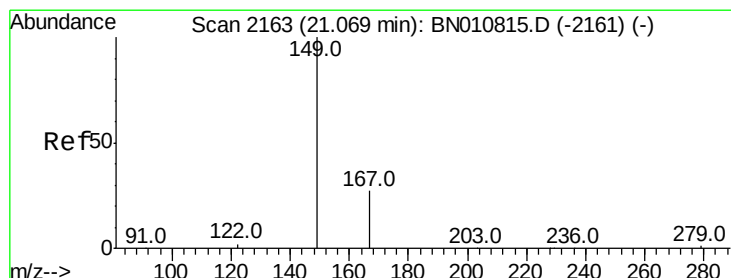
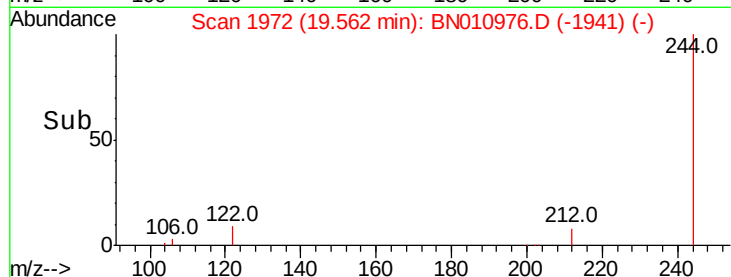
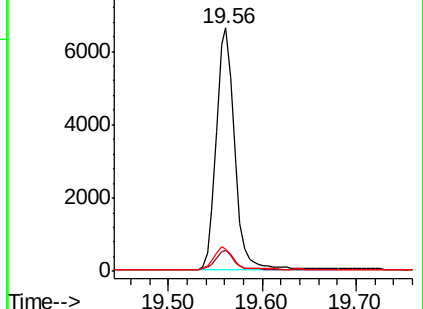
122 9.4 7.5 11.3



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: 0.226 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

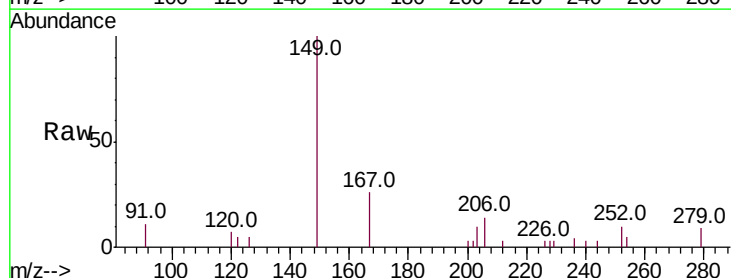
Tgt Ion:149 Resp: 1854

Ion Ratio Lower Upper

149 100

167 26.8 24.1 36.1

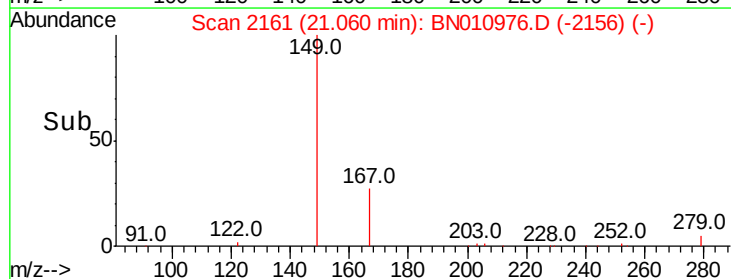
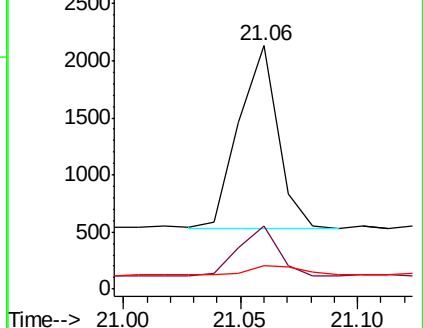
279 5.9 4.6 7.0

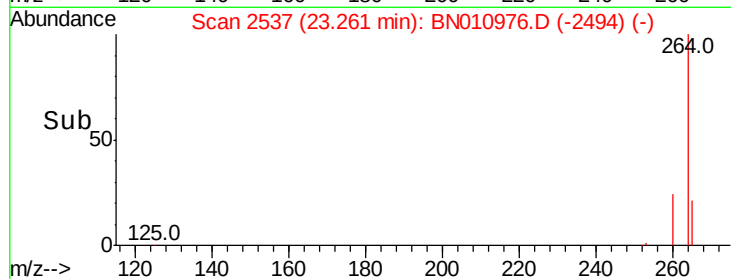
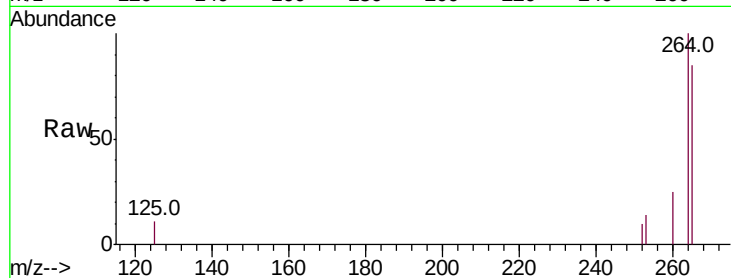
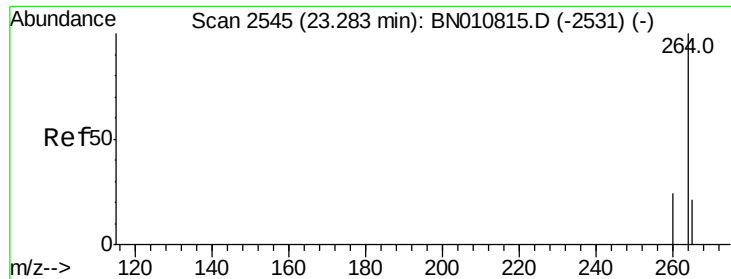


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.00 min

Lab File: BN010976.D

Acq: 19 Jun 2020 18:47

Instrument :

BNA_N

ClientSampleId :

TT101D-20200616

Tot Ion: 264 Resp: 7643

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 85.1 75.0 112.4

