

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010922.D
 Acq On : 17 Jun 2020 01:31
 Operator : CG/JU
 Sample : L3011-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20200611

Quant Time: Jun 17 05:04:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

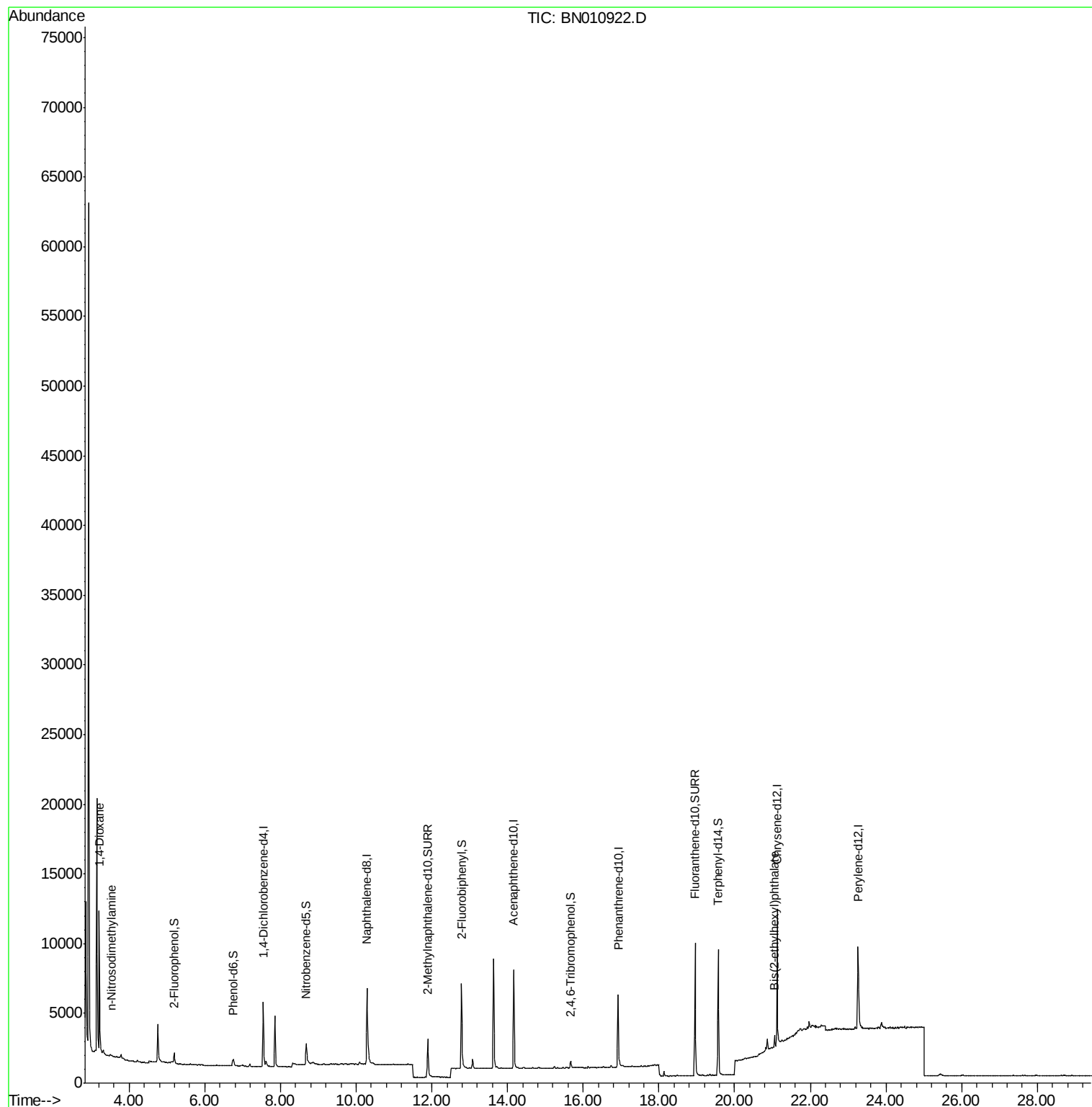
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2490	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8991	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4589	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	9432	0.40	ng	0.00
27) Chrysene-d12	21.12	240	10232	0.40	ng	-0.01
34) Perylene-d12	23.26	264	8944	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	728	0.15	ng	0.00
5) Phenol-d6	6.74	99	463	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	2090	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4970	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	475	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6512	0.36	ng	0.00
25) Fluoranthene-d10	18.95	212	12394	0.48	ng	0.00
29) Terphenyl-d14	19.56	244	9681	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	7909	3.243	ng	98
3) n-Nitrosodimethylamine	3.53	42	43	0.030	ng	# 7
32) Bis(2-ethylhexyl)phthalate	21.06	149	765	0.076	ng	93

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

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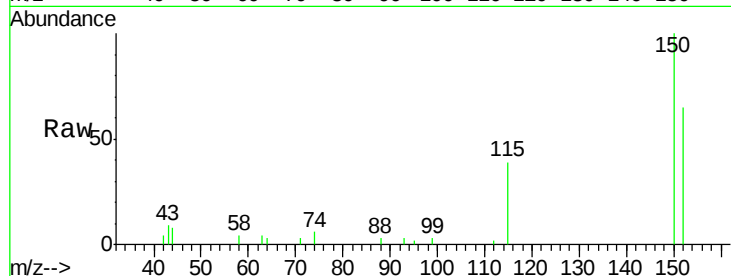


#1

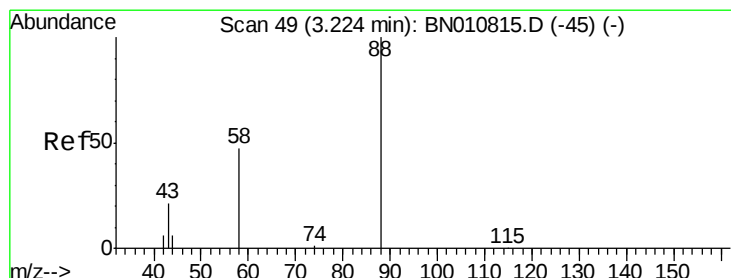
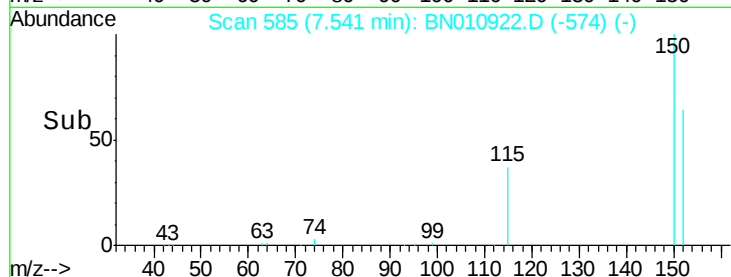
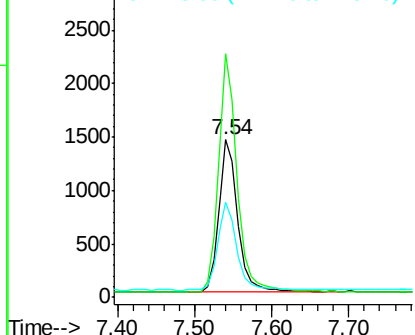
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010922.D
Acq: 17 Jun 2020 01:31

Instrument :
BNA_N
ClientSampleId :
RE126D1-20200611

Tot Ion:152 Resp: 2490
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 60.2 49.2 73.8



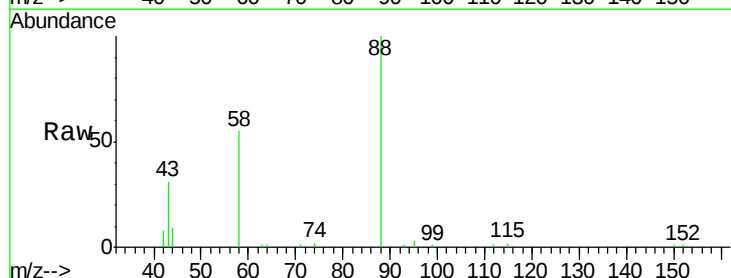
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



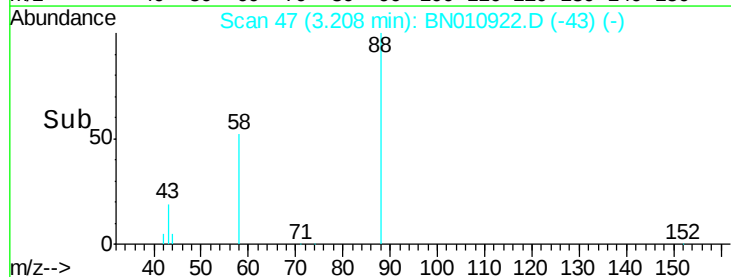
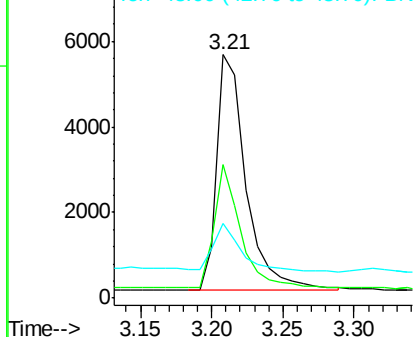
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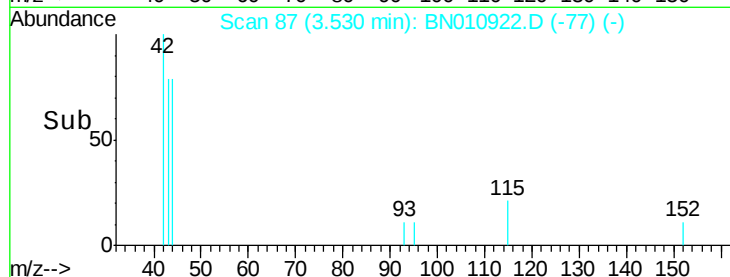
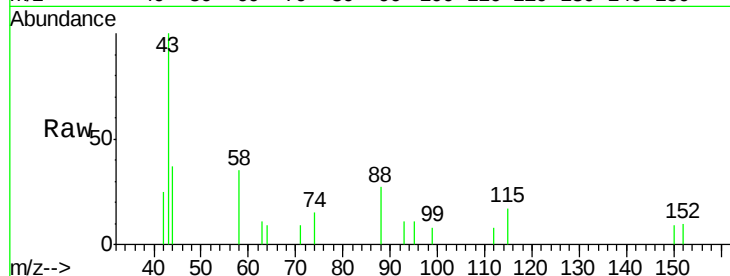
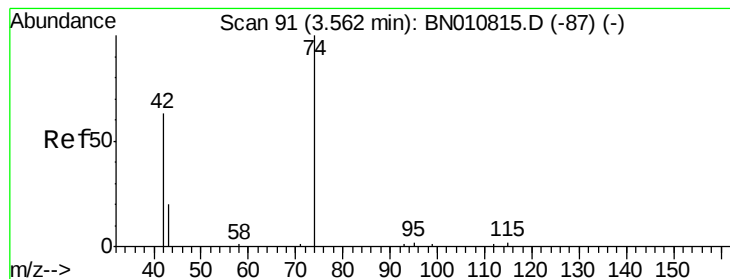
1,4-Dioxane
Concen: 3.243 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010922.D
Acq: 17 Jun 2020 01:31

Tgt Ion: 88 Resp: 7909
Ion Ratio Lower Upper
88 100
58 46.5 38.2 57.4
43 19.8 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





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.02 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

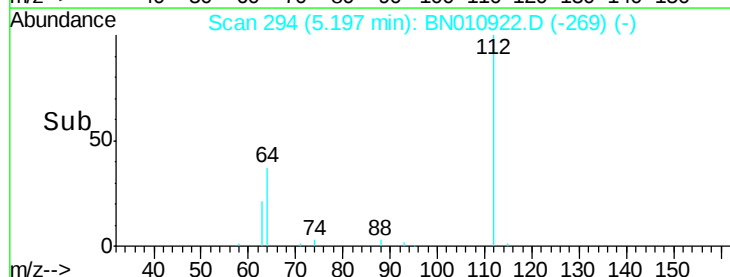
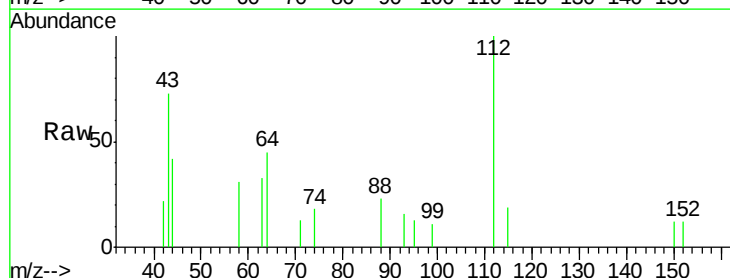
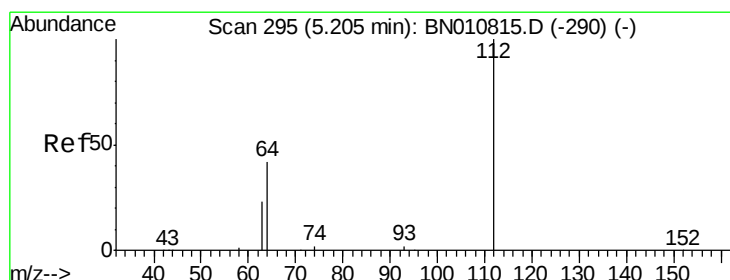
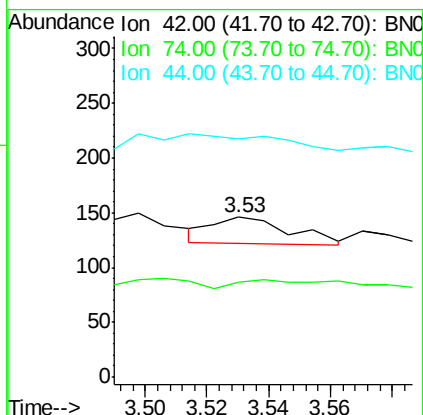
Tot Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 44.2 140.7 211.1#

44 0.0 1.4 2.2#



#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

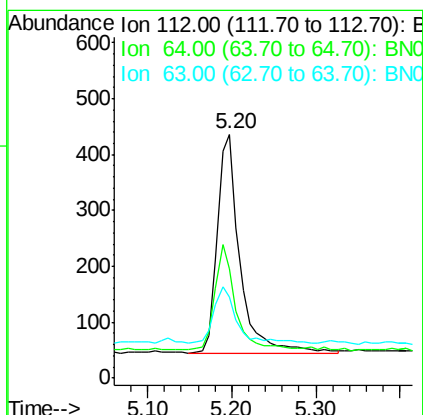
Tgt Ion: 112 Resp: 728

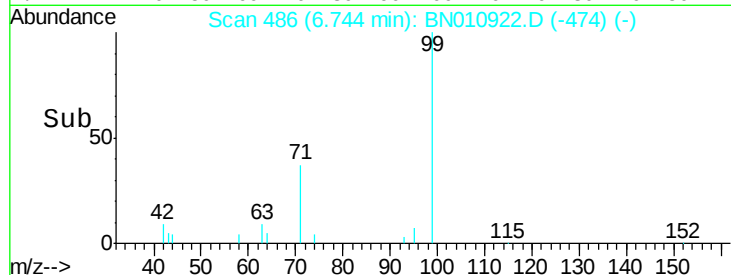
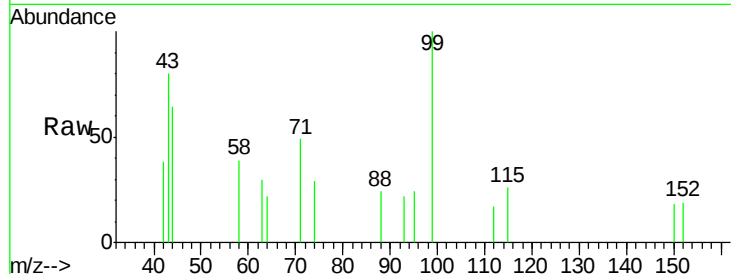
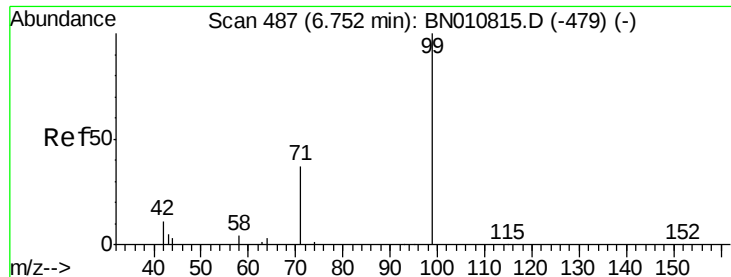
Ion Ratio Lower Upper

112 100

64 43.5 37.4 56.0

63 26.9 22.2 33.4





#5

Phenol-d6

Concen: 0.082 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Instrument :

BNA_N

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RE126D1-20200611

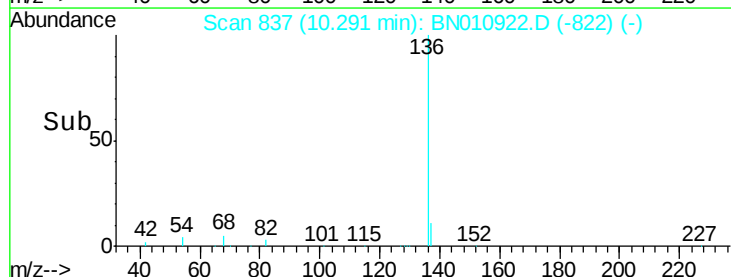
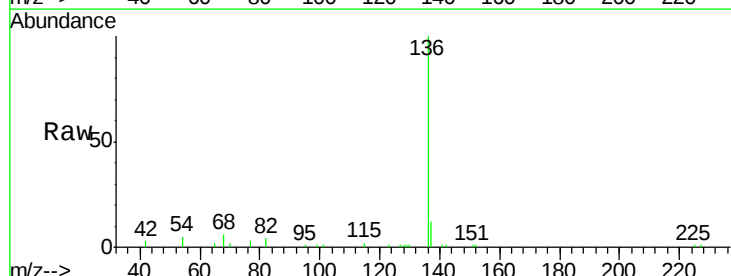
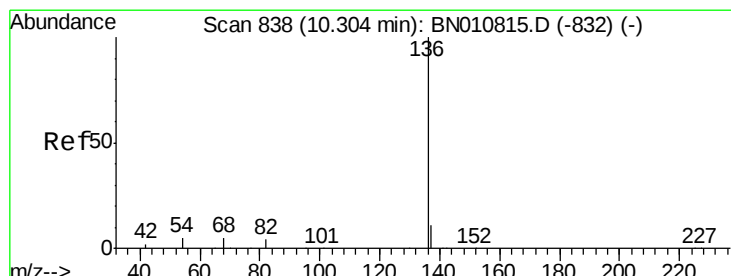
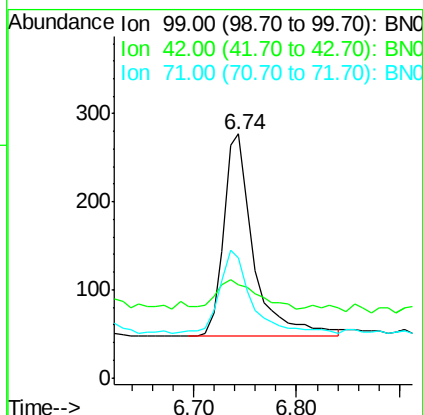
Tot Ion: 99 Resp: 463

Ion Ratio Lower Upper

99 100

42 20.3 11.1 16.7#

71 44.5 31.4 47.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Tgt Ion: 136 Resp: 8991

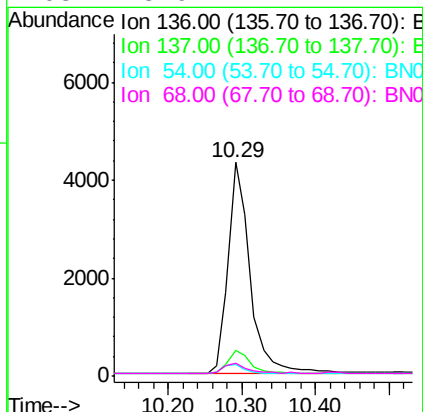
Ion Ratio Lower Upper

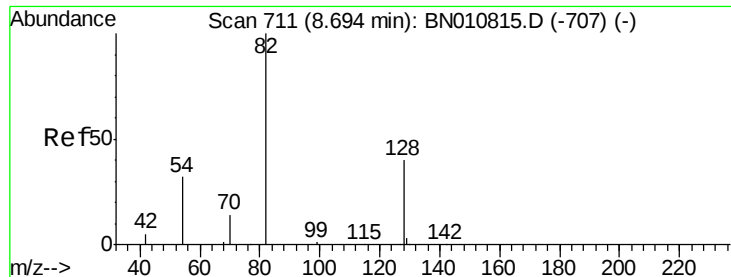
136 100

137 12.1 9.7 14.5

54 5.3 4.9 7.3

68 5.9 4.7 7.1

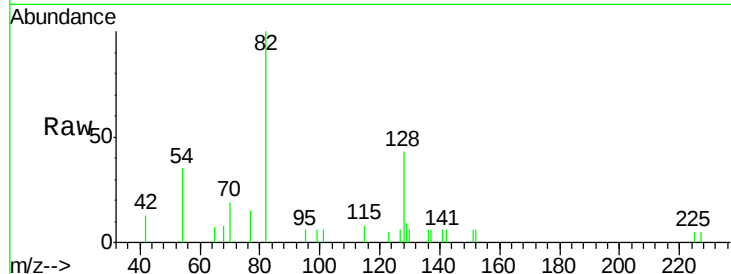




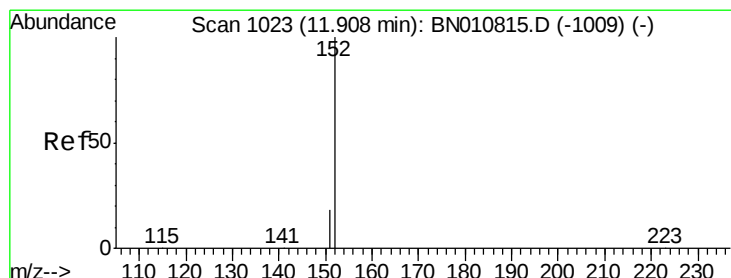
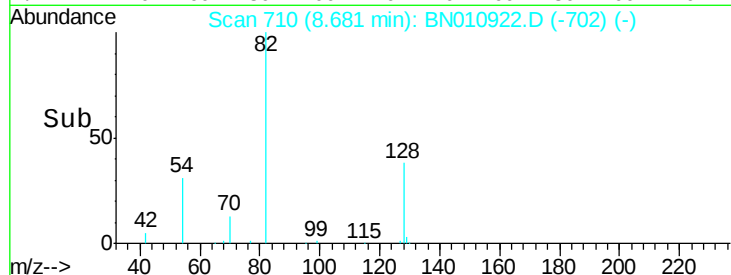
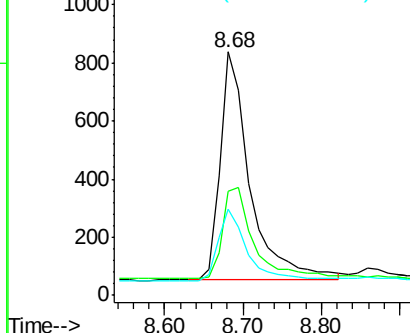
#8
 Nitrobenzene-d5
 Concen: 0.314 ng
 RT: 8.68 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BN010922.D
 Acq: 17 Jun 2020 01:31

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20200611

Tot Ion: 82 Resp: 2090
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.4 53.0
 54 35.4 28.2 42.4

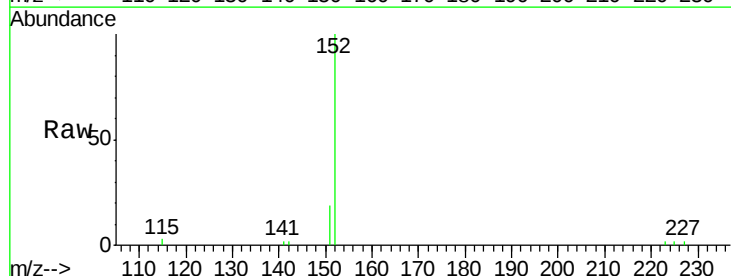


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

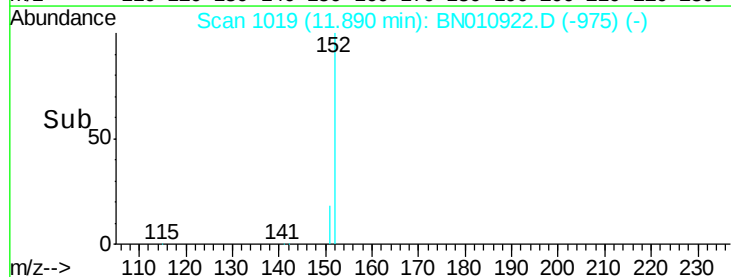
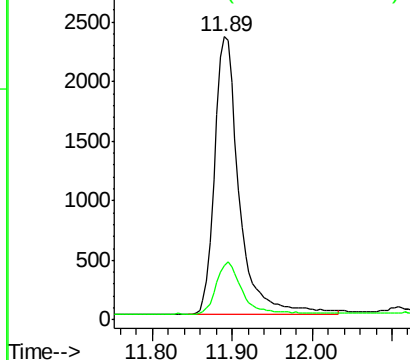


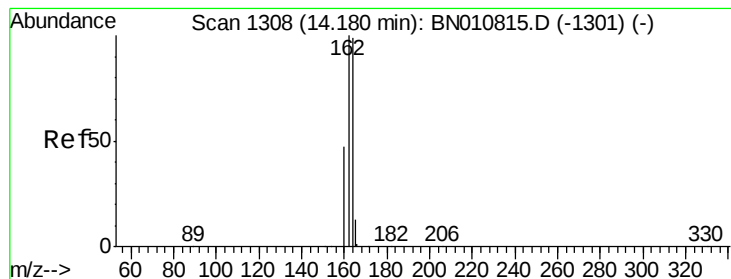
#11
 2-Methylnaphthalene-d10
 Concen: 0.356 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010922.D
 Acq: 17 Jun 2020 01:31

Tgt Ion: 152 Resp: 4970
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN0
 Ion 151.00 (150.70 to 151.70): BN0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

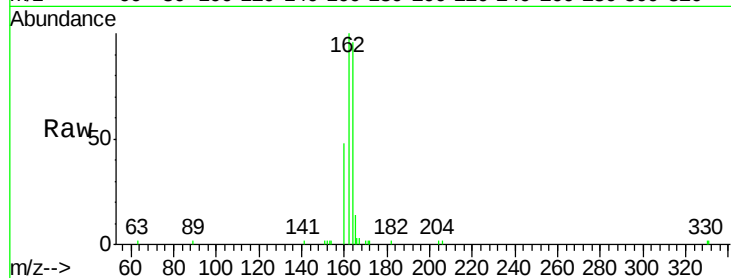
Tot Ion:164 Resp: 4589

Ion Ratio Lower Upper

164 100

162 104.3 81.0 121.6

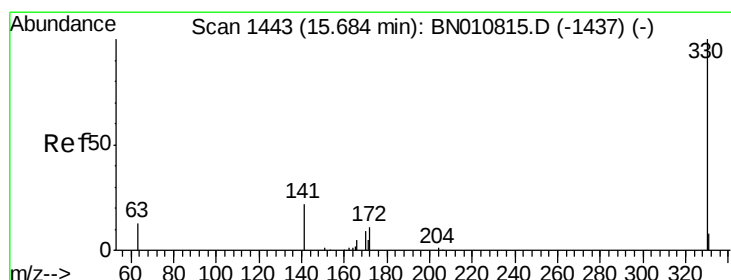
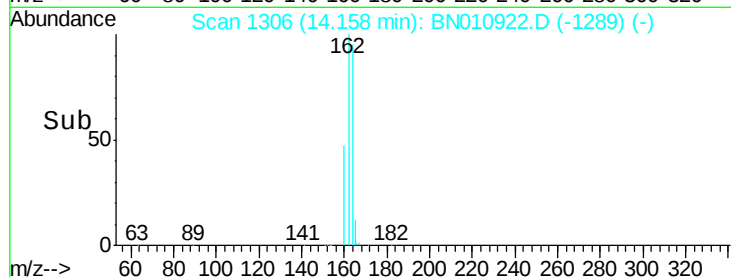
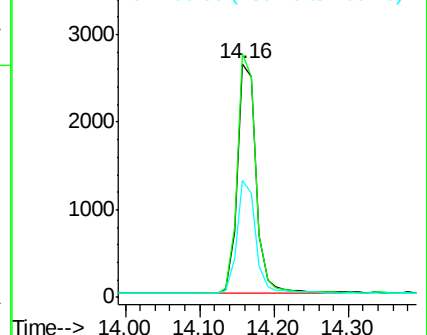
160 50.2 38.9 58.3



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: 0.289 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

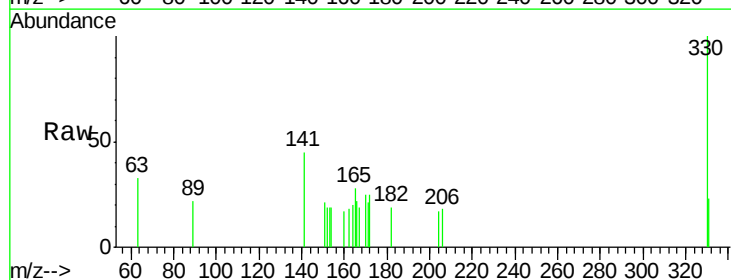
Tgt Ion:330 Resp: 475

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

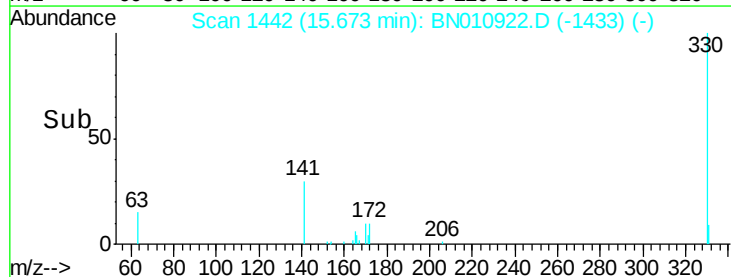
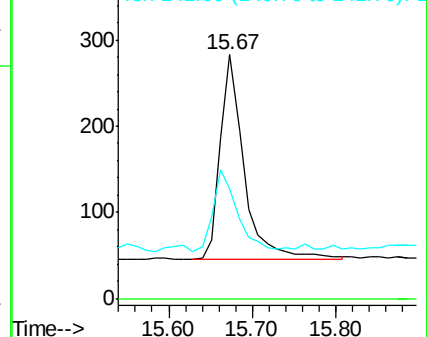
141 39.6 33.2 49.8

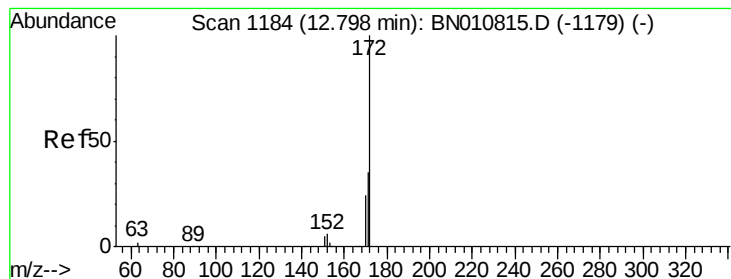


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.360 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

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RE126D1-20200611

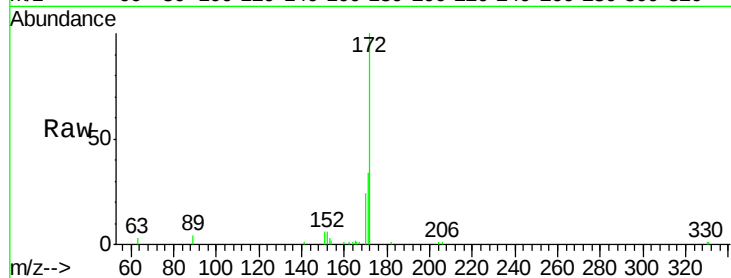
Tot Ion:172 Resp: 6512

Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

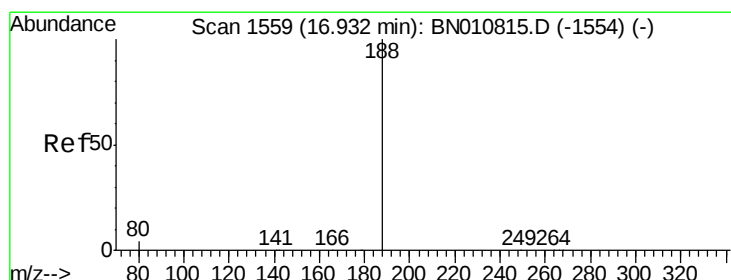
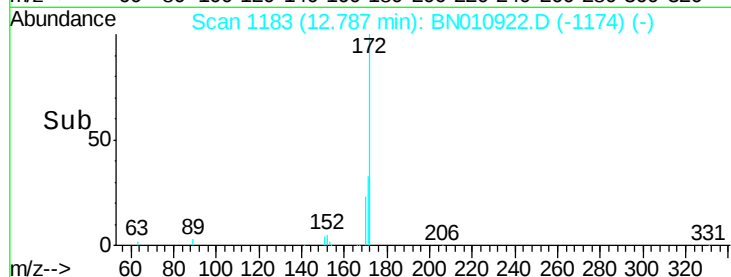
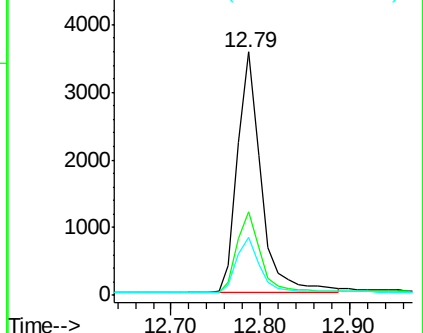
170 23.8 19.7 29.5



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: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

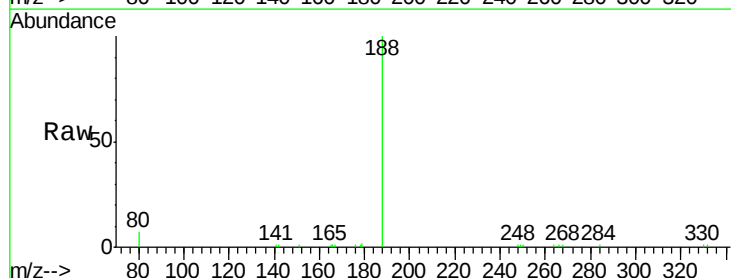
Tgt Ion:188 Resp: 9432

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

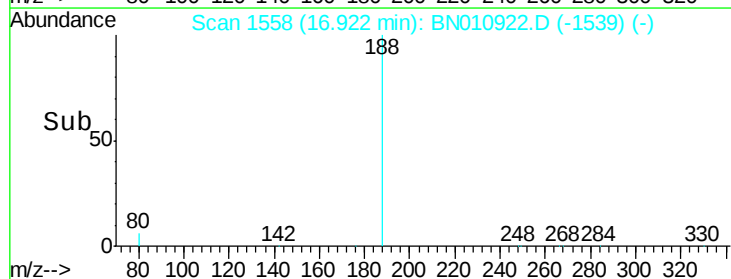
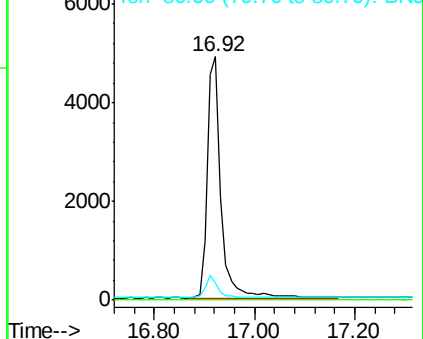
80 6.9 4.5 6.7#

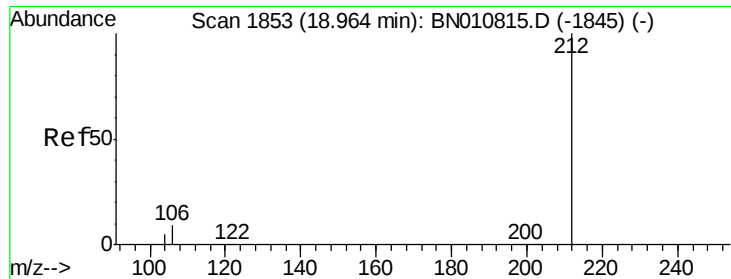


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

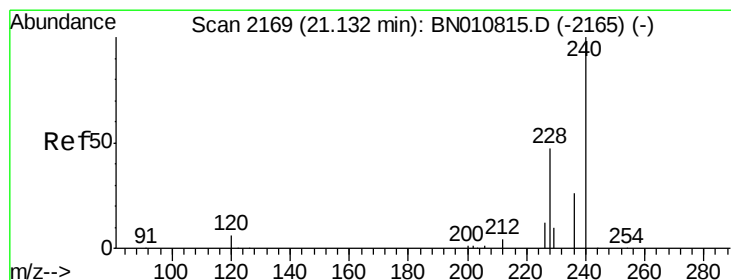
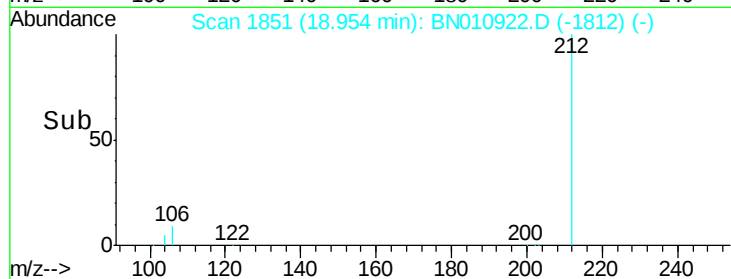
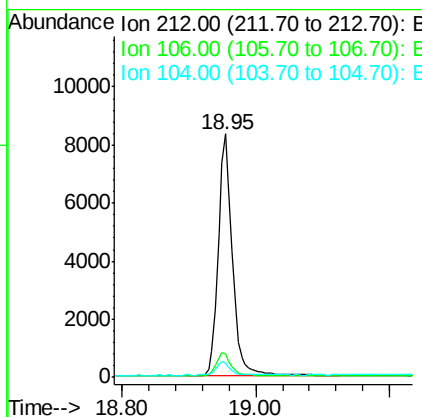
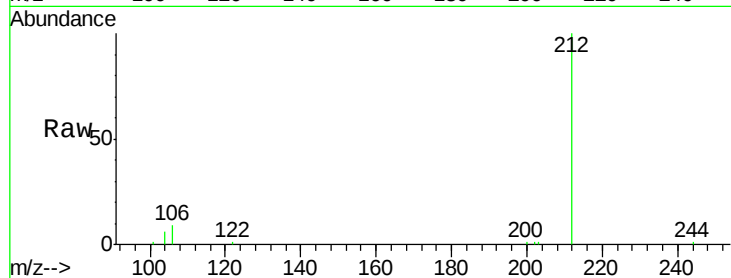




#25
Fluoranthene-d10
Concen: 0.476 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010922.D
Acq: 17 Jun 2020 01:31

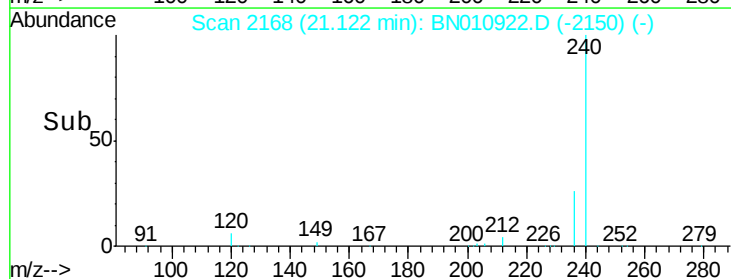
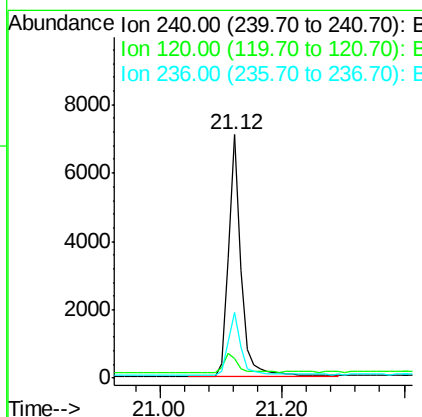
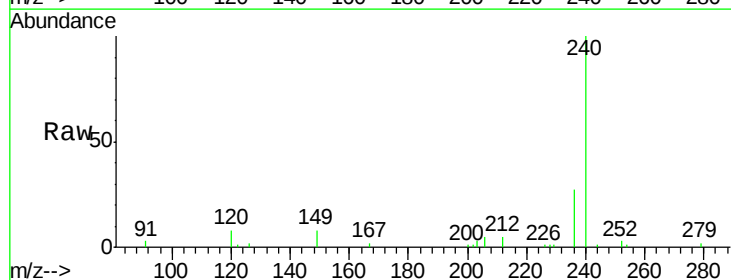
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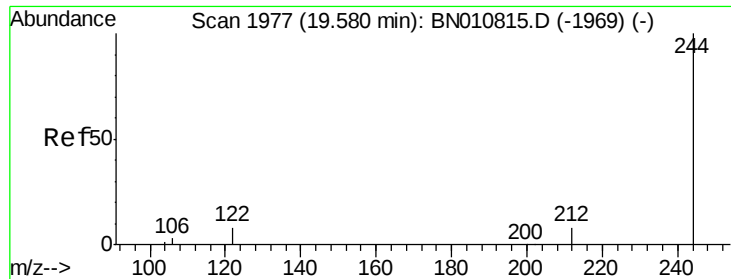
Tot Ion:212 Resp: 12394
Ion Ratio Lower Upper
212 100
106 9.3 6.6 10.0
104 5.3 4.0 6.0



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010922.D
Acq: 17 Jun 2020 01:31

Tgt Ion:240 Resp: 10232
Ion Ratio Lower Upper
240 100
120 7.8 7.5 11.3
236 27.0 22.3 33.5





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

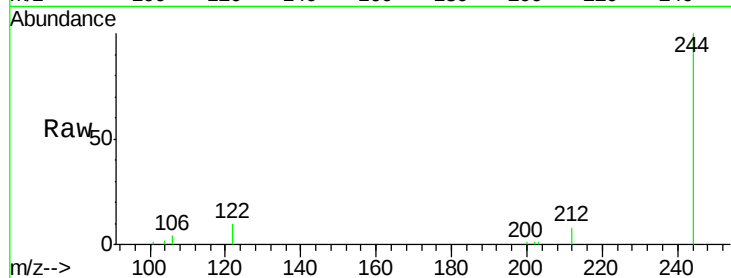
Tot Ion:244 Resp: 9681

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

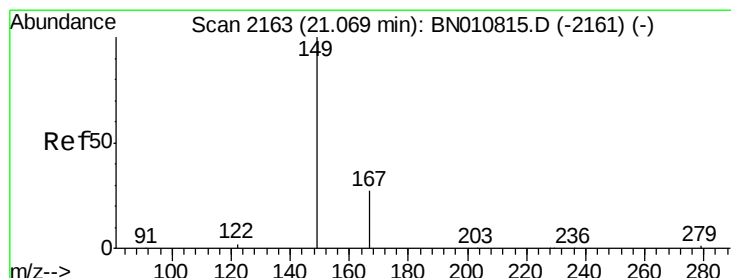
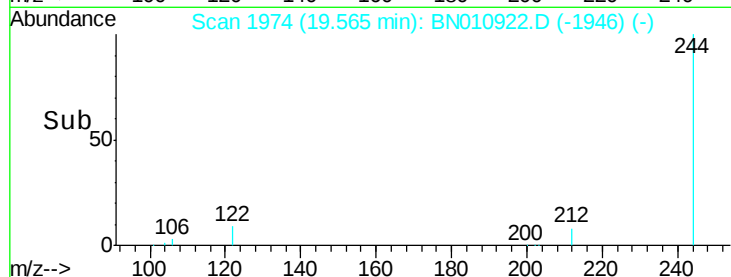
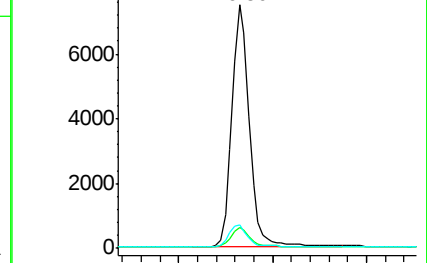
122 9.5 7.5 11.3



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: 0.076 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

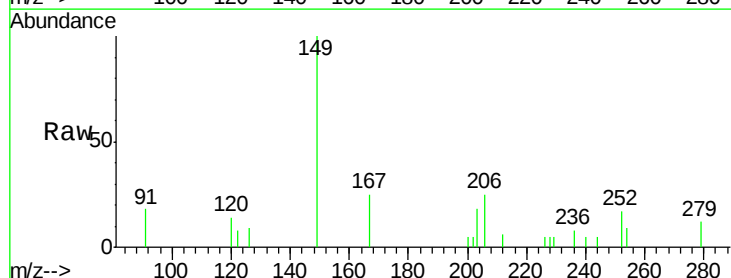
Tgt Ion:149 Resp: 765

Ion Ratio Lower Upper

149 100

167 25.9 24.1 36.1

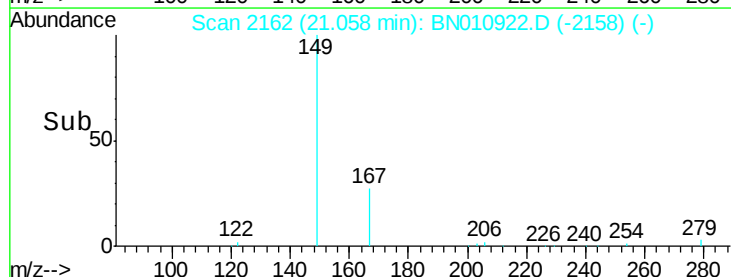
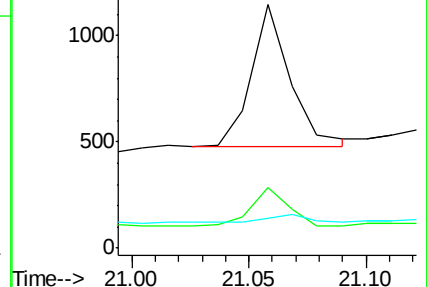
279 5.5 4.6 7.0

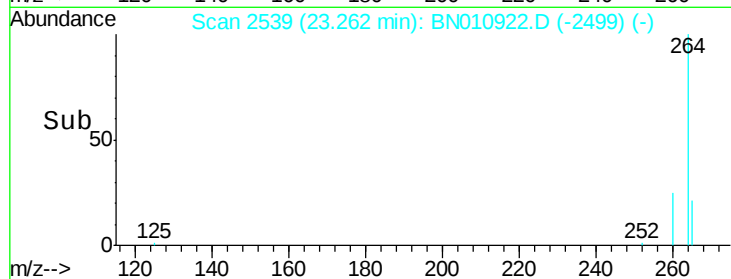
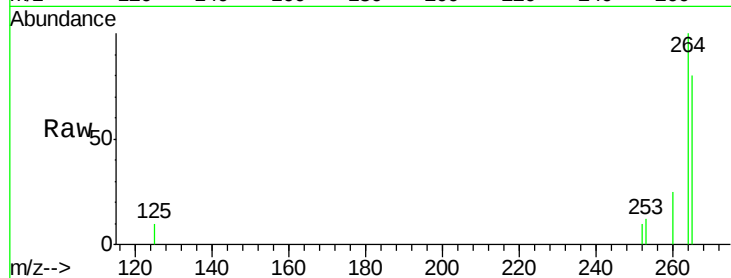


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2539

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

Tot Ion: 264 Resp: 8944

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 79.8 75.0 112.4

