

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010891.D
 Acq On : 16 Jun 2020 05:00
 Operator : CG/JU
 Sample : L2989-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20200609

Quant Time: Jun 16 05:44:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

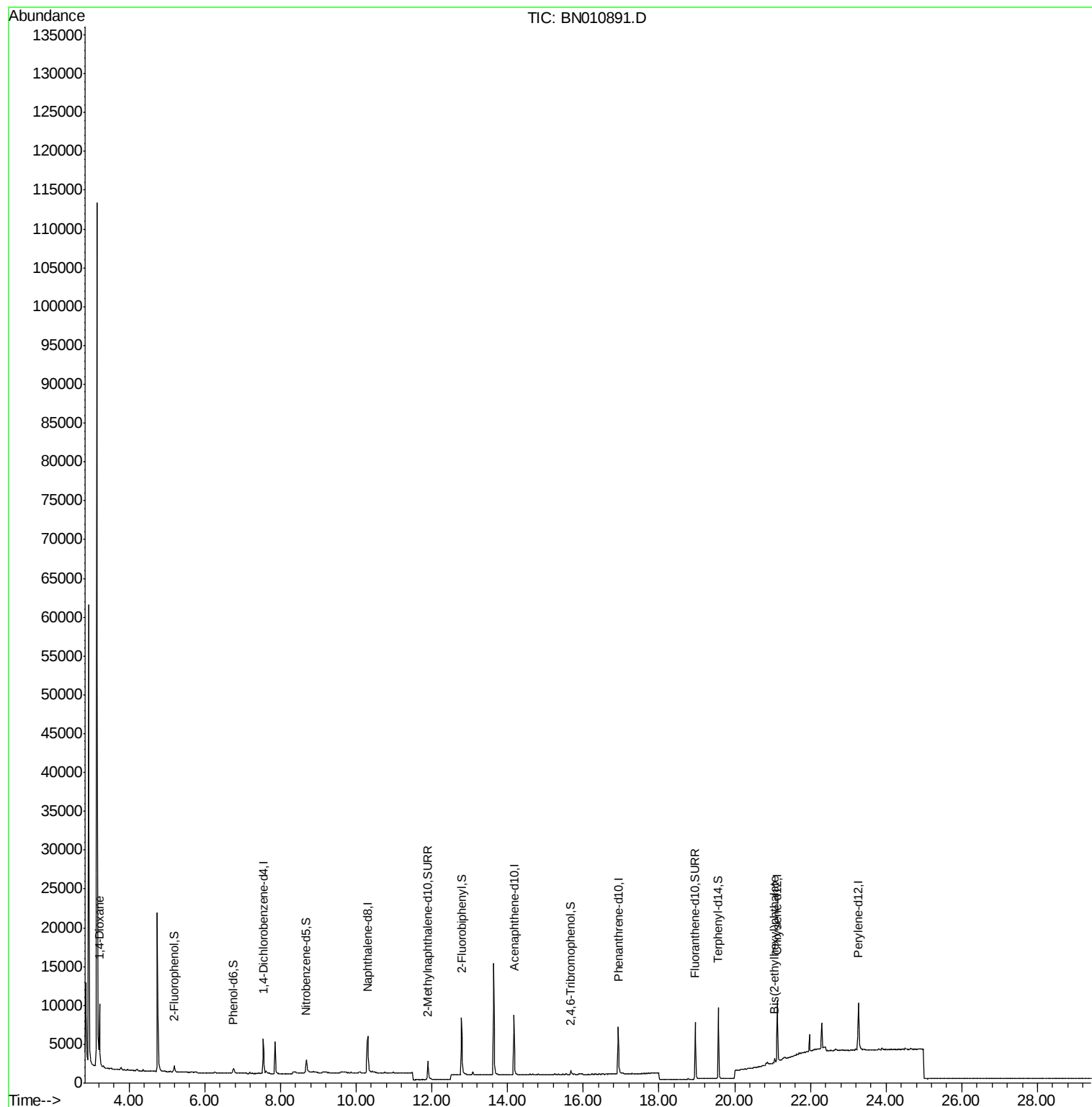
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2417	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8344	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4653	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9177	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8537	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8981	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	806	0.17	ng	0.00
5) Phenol-d6	6.74	99	534	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2249	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4183	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	517	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7631	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	9415	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	9735	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	6262	2.645	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	593	0.071	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: 7.55 min Scan# 586

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

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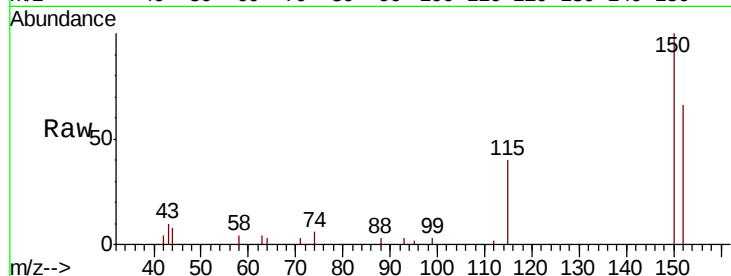
Tot Ion:152 Resp: 2417

Ion Ratio Lower Upper

152 100

150 150.4 123.8 185.6

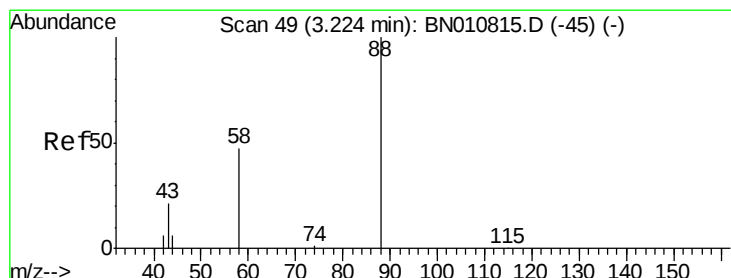
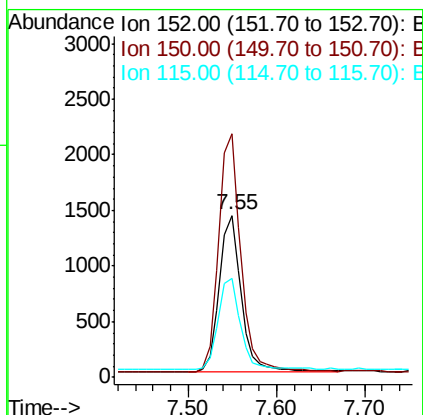
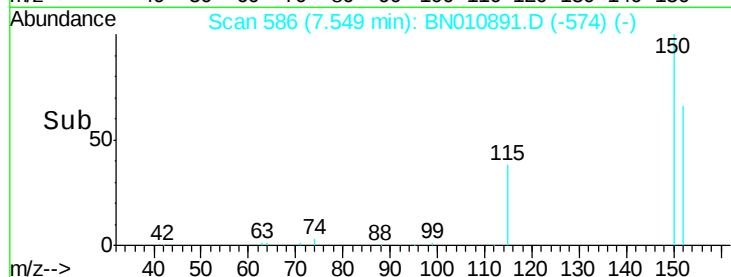
115 60.9 49.2 73.8



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: 2.645 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

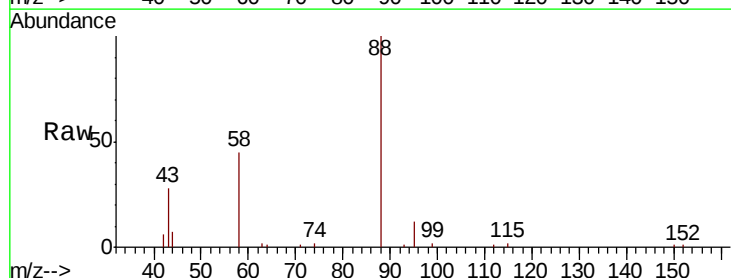
Tgt Ion: 88 Resp: 6262

Ion Ratio Lower Upper

88 100

58 46.4 38.2 57.4

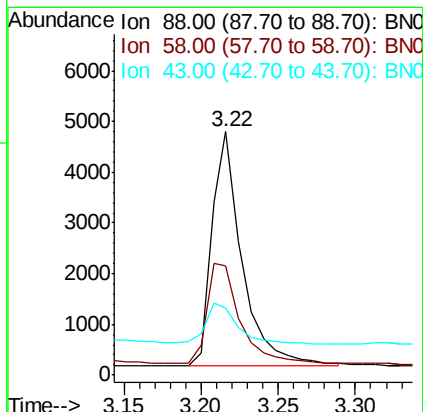
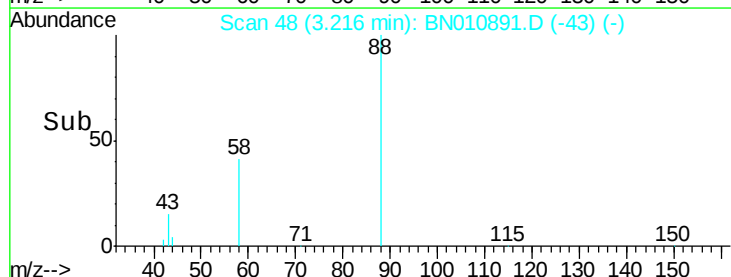
43 17.7 15.1 22.7

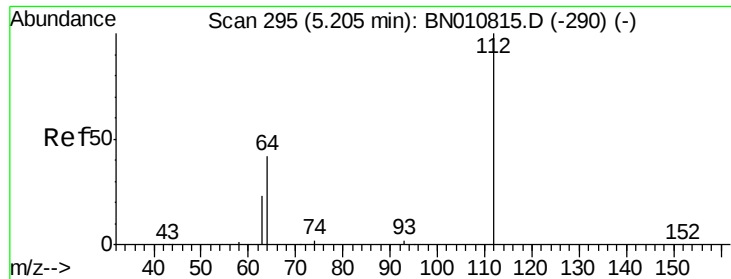


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200609

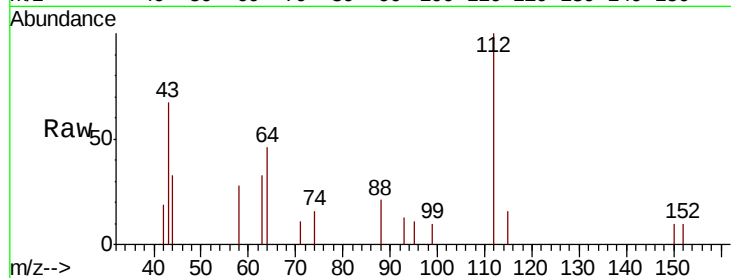
Tot Ion: 112 Resp: 806

Ion Ratio Lower Upper

112 100

64 44.3 37.4 56.0

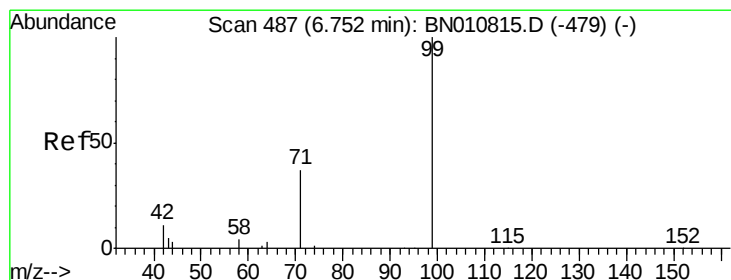
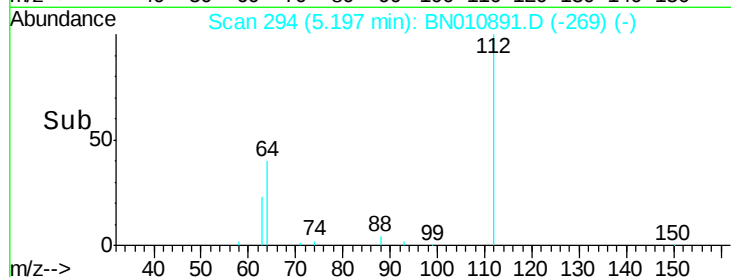
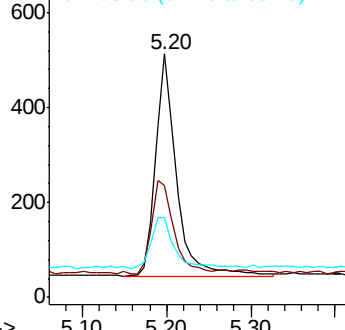
63 27.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.097 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

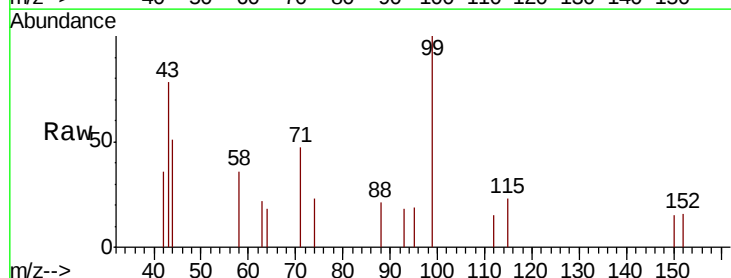
Tgt Ion: 99 Resp: 534

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

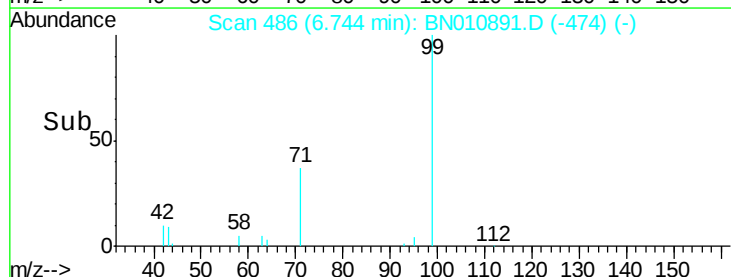
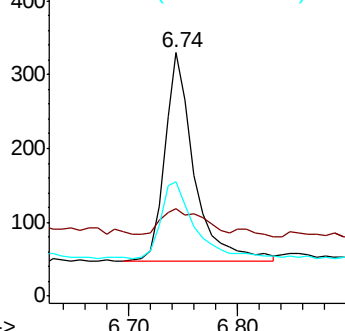
71 42.1 31.4 47.2

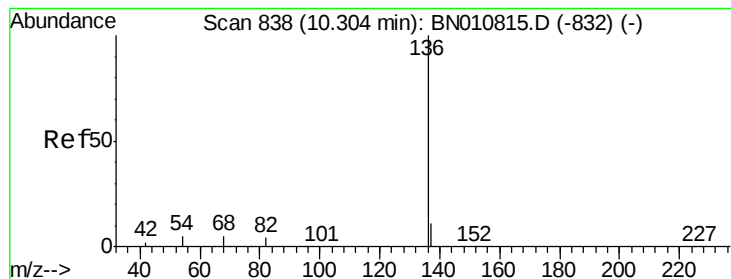


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200609

Tot Ion:136 Resp: 8344

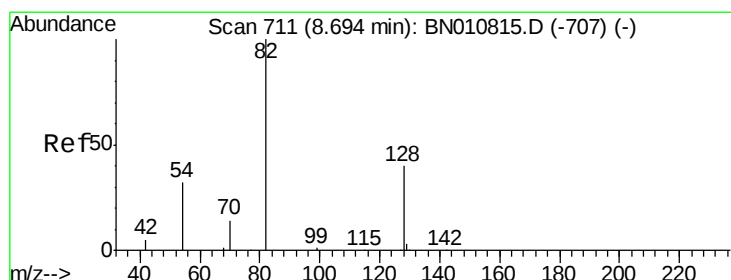
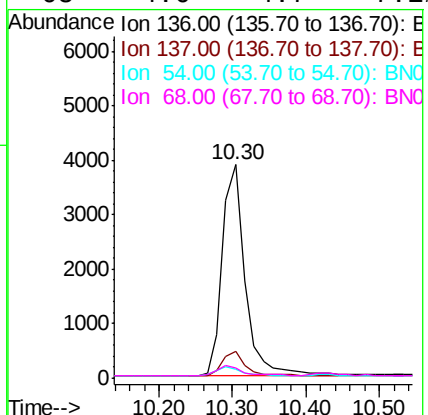
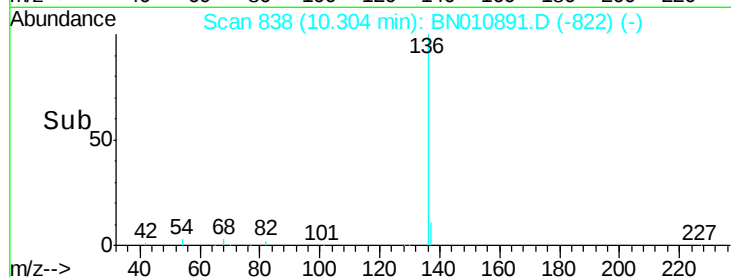
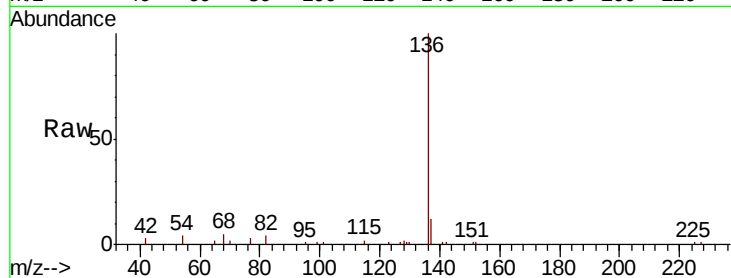
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 4.0 4.9 7.3#

68 4.6 4.7 7.1#



#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

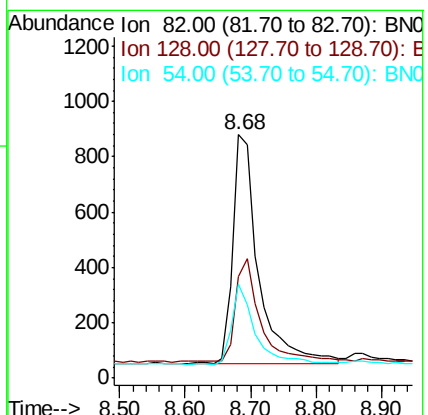
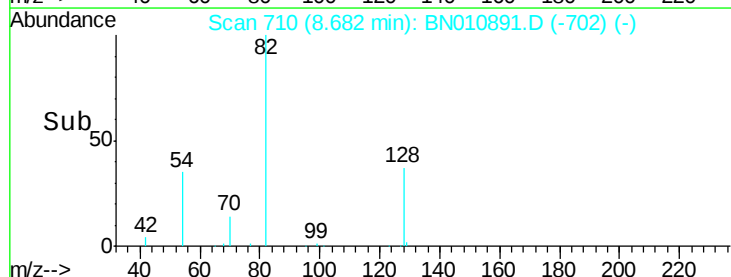
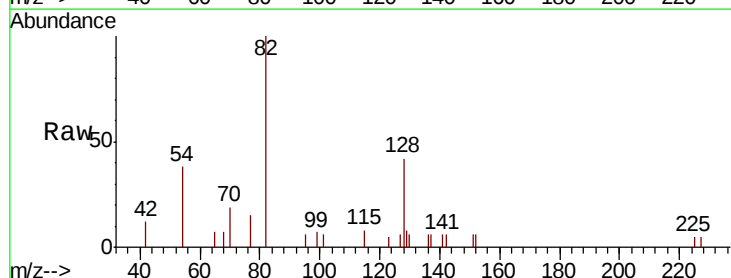
Tgt Ion: 82 Resp: 2249

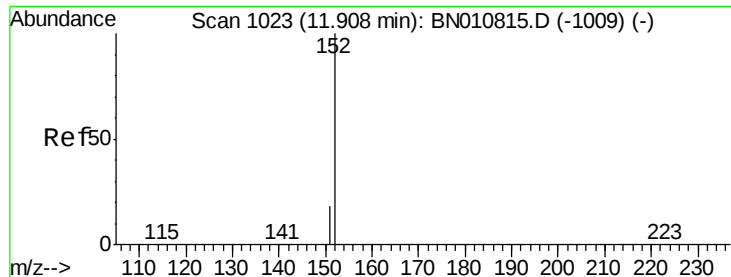
Ion Ratio Lower Upper

82 100

128 41.6 35.4 53.0

54 38.4 28.2 42.4

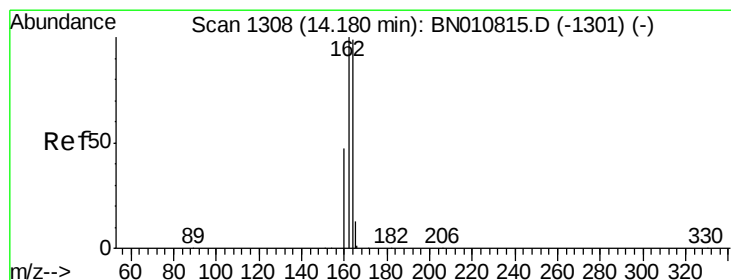
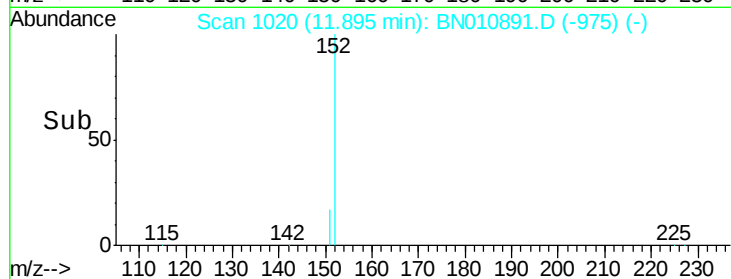
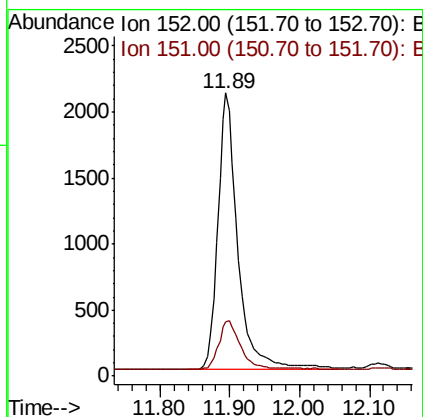
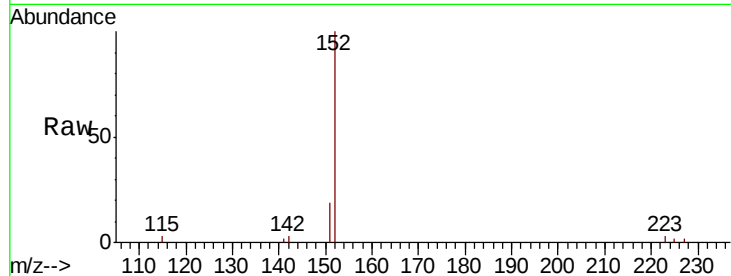




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

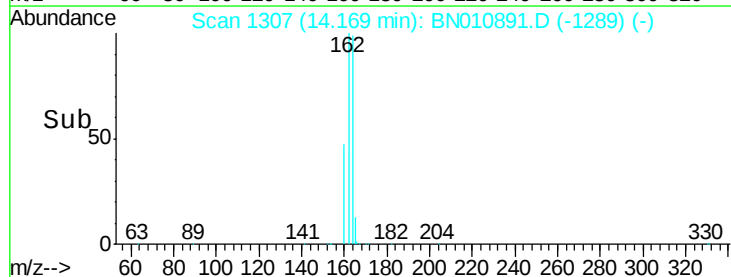
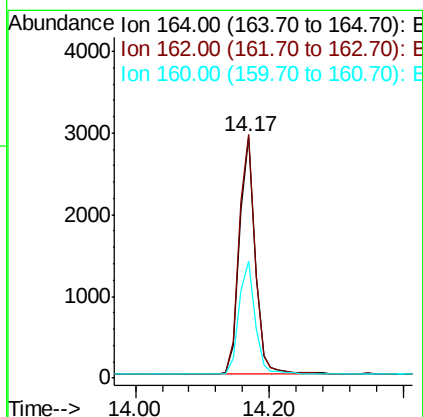
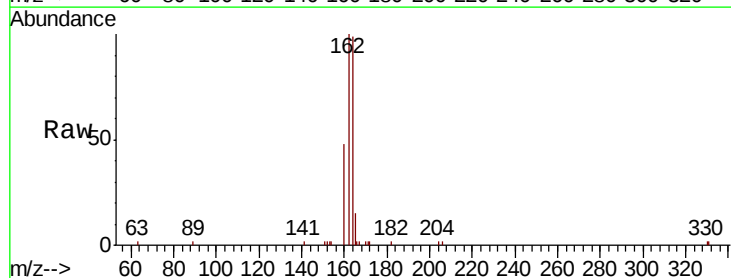
Instrument :
BNA_N
ClientSampleId :
RE125D3-20200609

Tot Ion:152 Resp: 4183
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

Tgt Ion:164 Resp: 4653
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 48.4 38.9 58.3

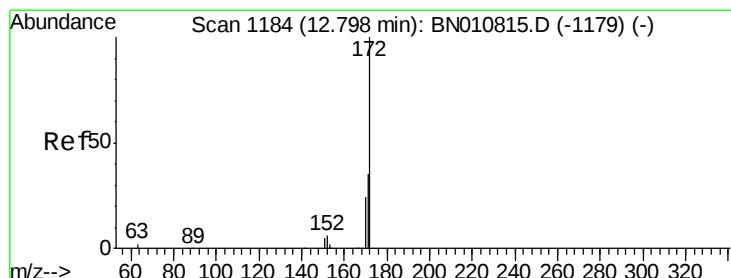
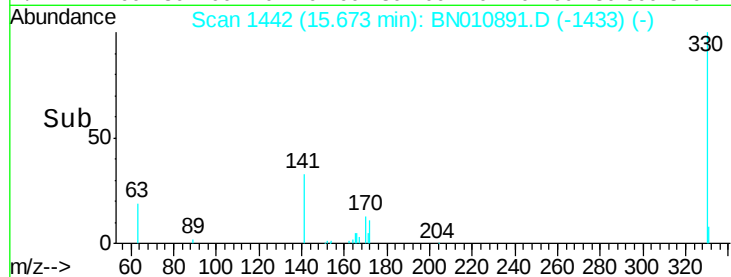
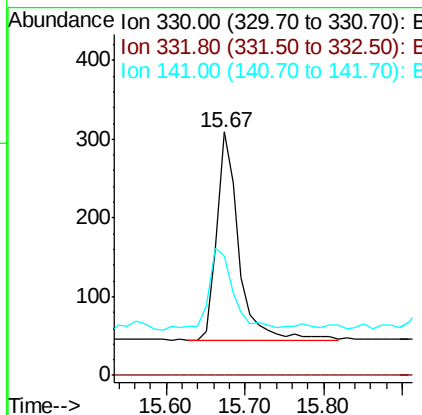
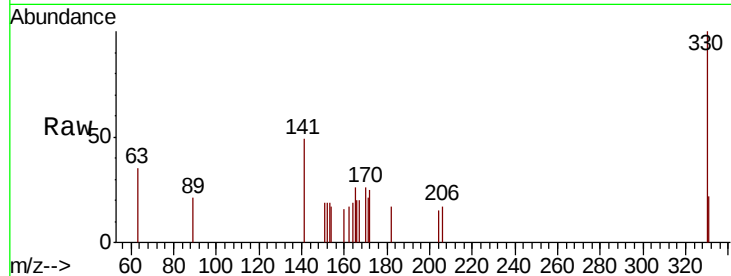




#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

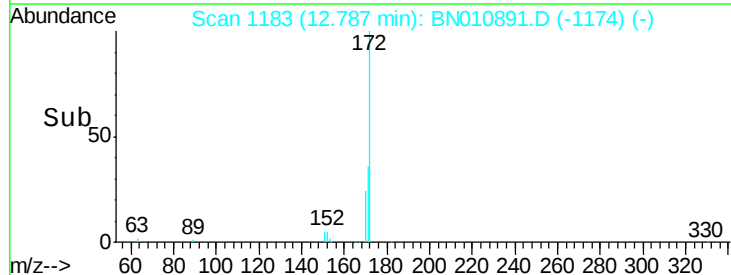
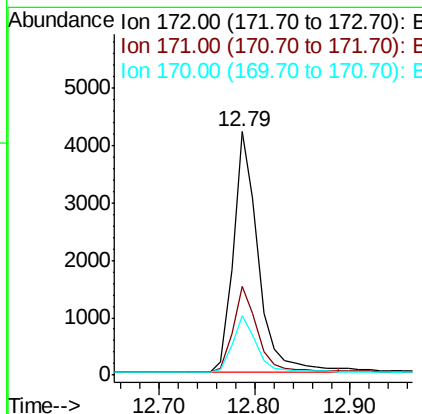
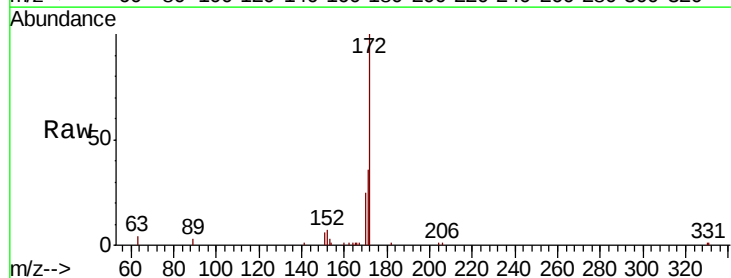
Instrument :
BNA_N
ClientSampleId :
RE125D3-20200609

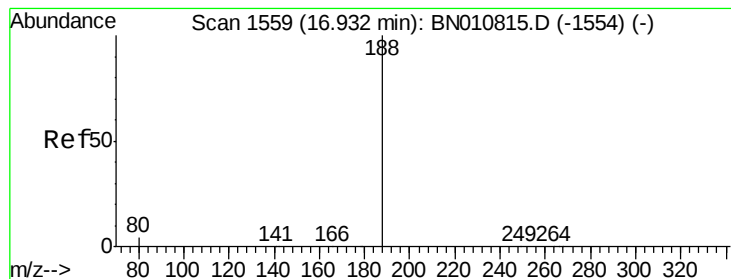
Tot Ion:330 Resp: 517
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.3 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

Tgt Ion:172 Resp: 7631
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.6 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200609

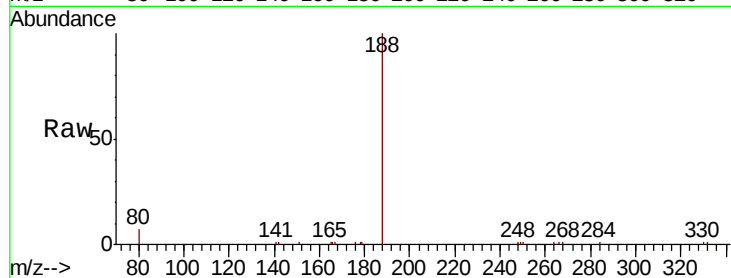
Tot Ion:188 Resp: 9177

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

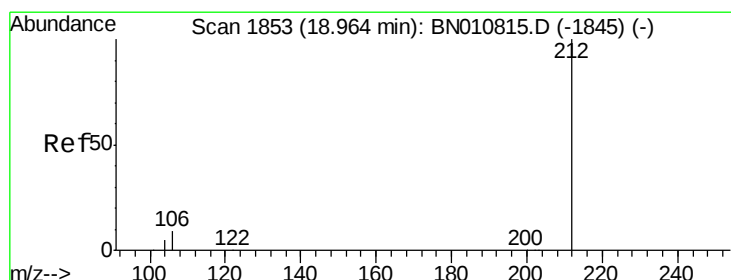
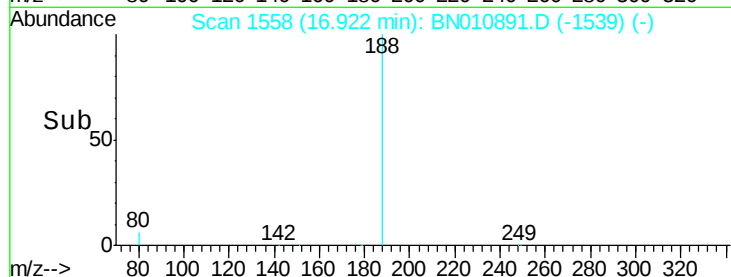
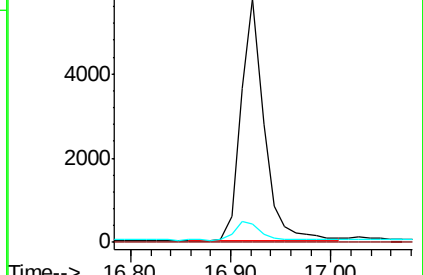
80 7.4 4.5 6.7#



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: 0.372 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

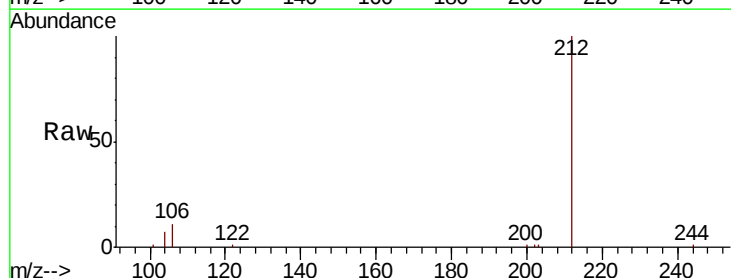
Tgt Ion:212 Resp: 9415

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

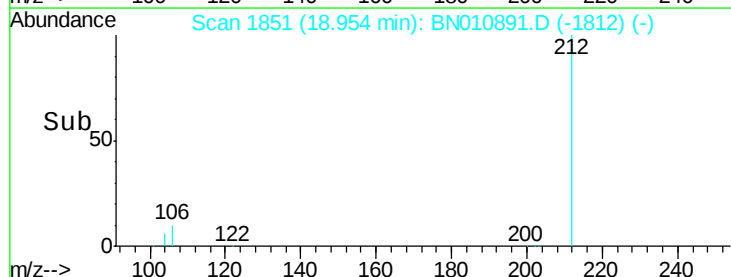
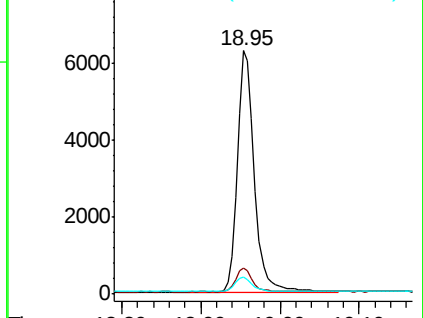
104 5.9 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

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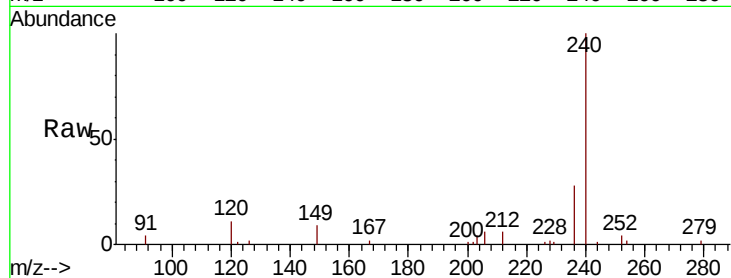
Tot Ion:240 Resp: 8537

Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

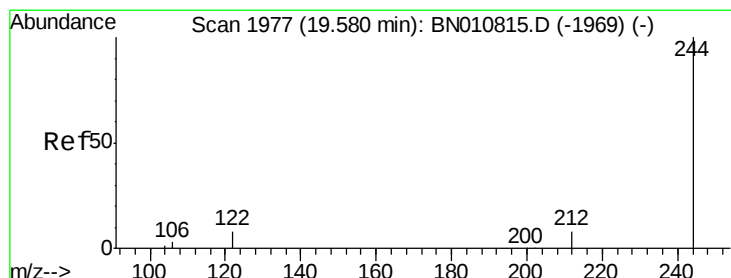
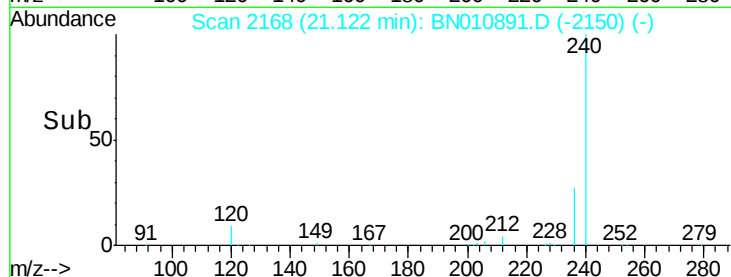
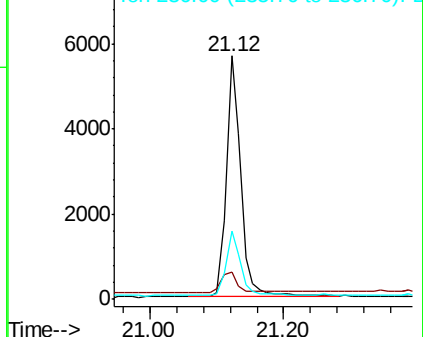
236 28.1 22.3 33.5



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: 0.487 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

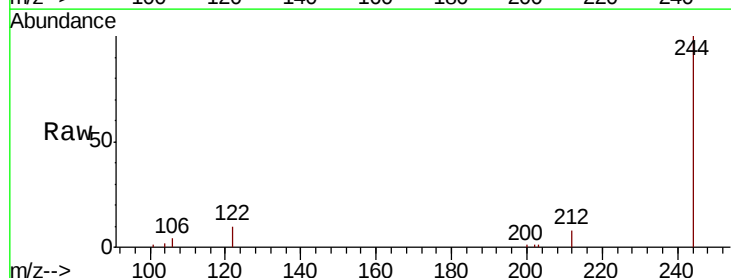
Tgt Ion:244 Resp: 9735

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

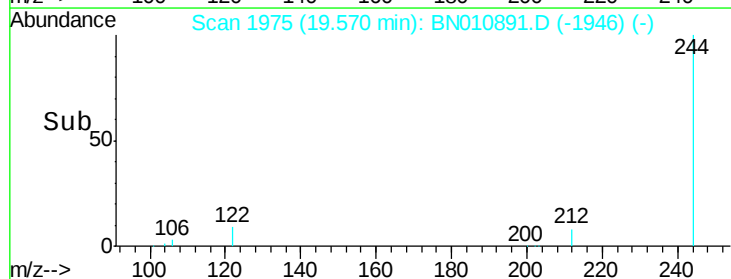
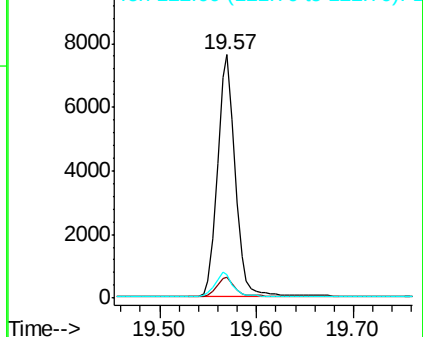
122 9.6 7.5 11.3

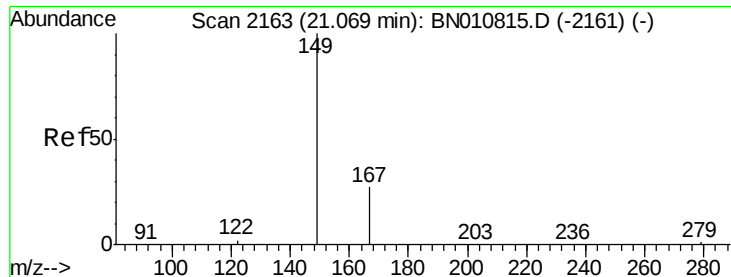


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200609

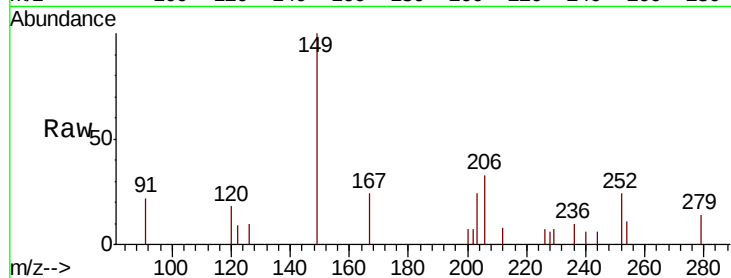
Tot Ion:149 Resp: 593

Ion Ratio Lower Upper

149 100

167 27.5 24.1 36.1

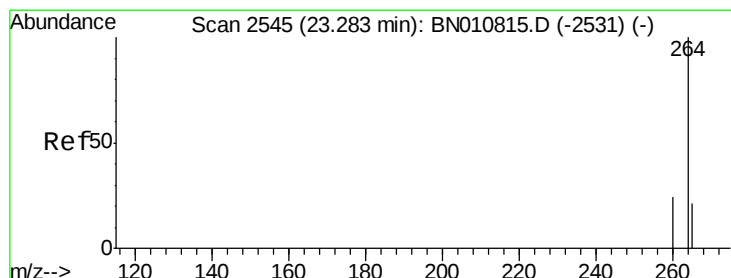
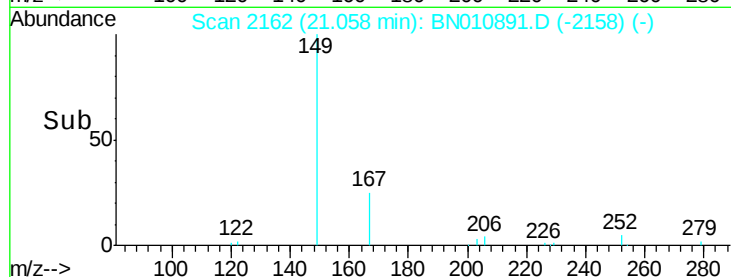
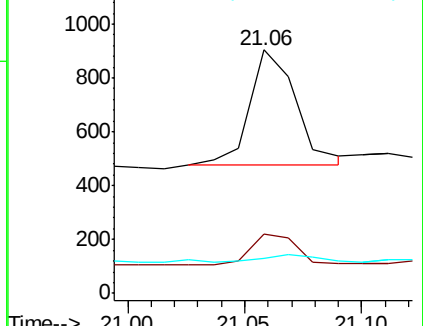
279 6.9 4.6 7.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

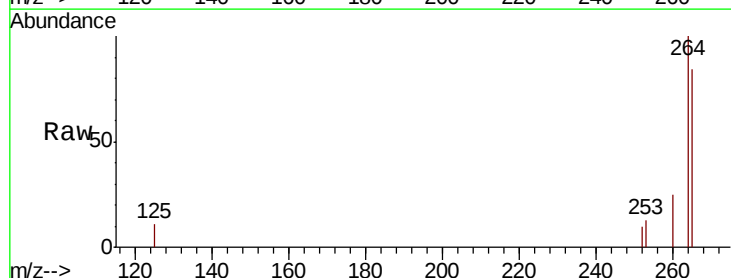
Tgt Ion:264 Resp: 8981

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 84.3 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

