

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010858.D
 Acq On : 13 Jun 2020 00:54
 Operator : CG/JU
 Sample : L2988-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20200609

Quant Time: Jun 23 20:00:41 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 22 12:02:11 2020
 Response via : Initial Calibration

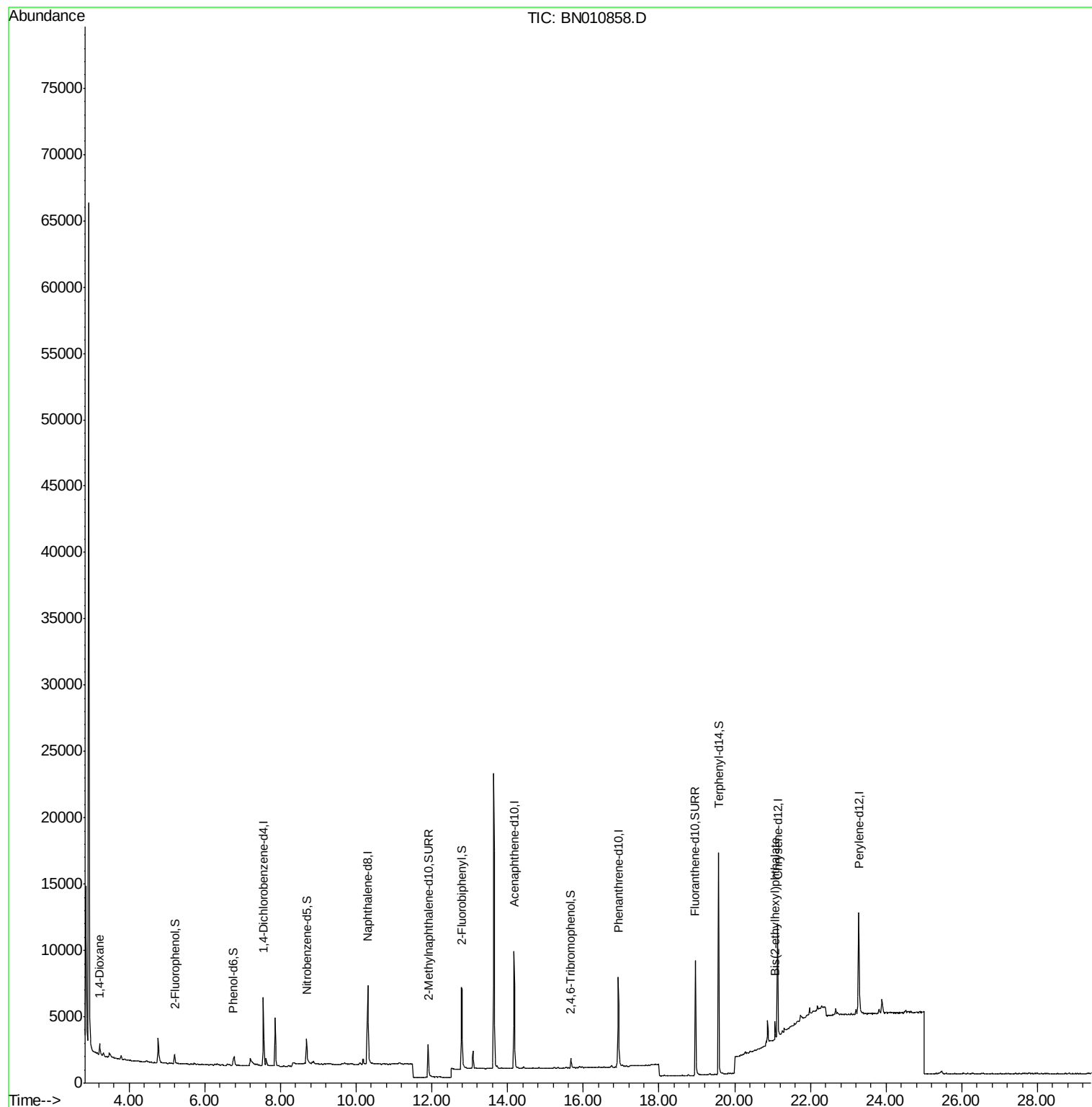
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2554	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	9092	0.40	ng	0.03
13) Acenaphthene-d10	14.17	164	5166	0.40	ng	0.02
19) Phenanthrene-d10	16.92	188	10139	0.40	ng	0.01
27) Chrysene-d12	21.13	240	9870	0.40	ng	0.01
34) Perylene-d12	23.28	264	10500	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	734	0.15	ng	0.02
5) Phenol-d6	6.75	99	517	0.09	ng	0.02
8) Nitrobenzene-d5	8.69	82	2249	0.33	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	4138	0.29	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	689	0.37	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	6901	0.34	ng	0.02
25) Fluoranthene-d10	18.96	212	11078	0.40	ng	0.02
29) Terphenyl-d14	19.57	244	18344	0.79	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	785	0.314	ng	Qvalue # 86
32) Bis(2-ethylhexyl)phthalate	21.07	149	1147	0.119	ng	97

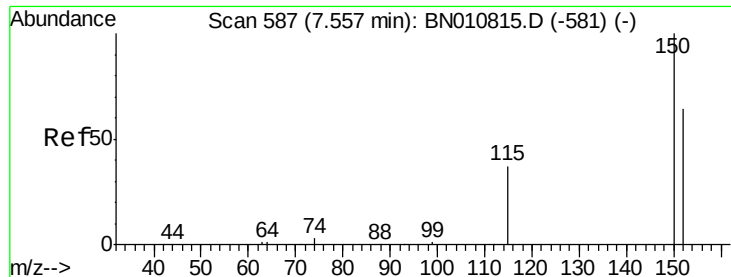
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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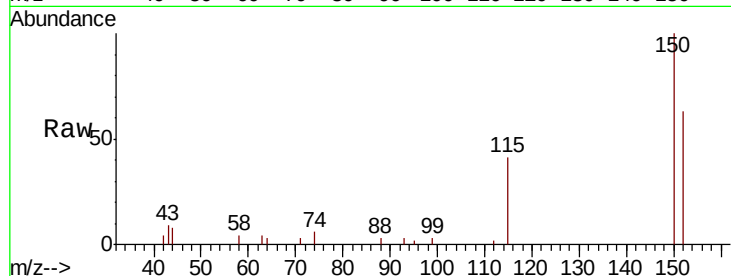


#1

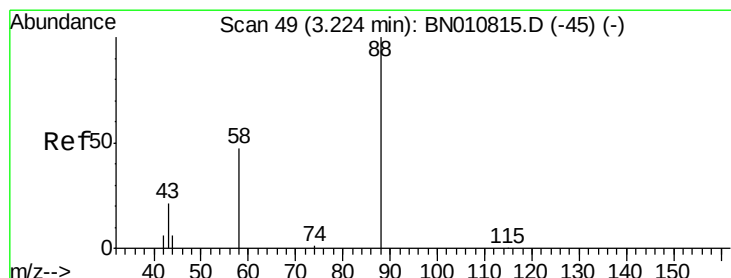
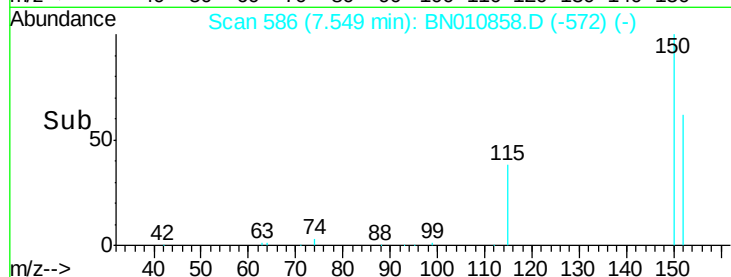
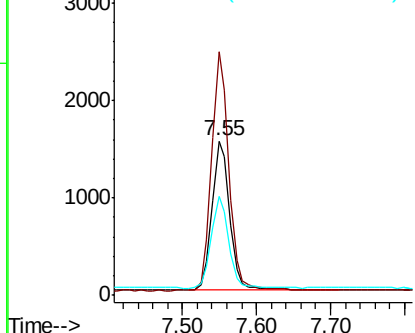
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010858.D
Acq: 13 Jun 2020 00:54

Instrument :
BNA_N
ClientSampleId :
RE135D1-20200609

Tot Ion:152 Resp: 2554
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 64.4 49.2 73.8



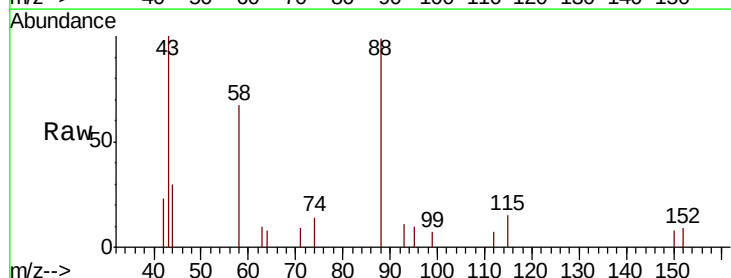
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



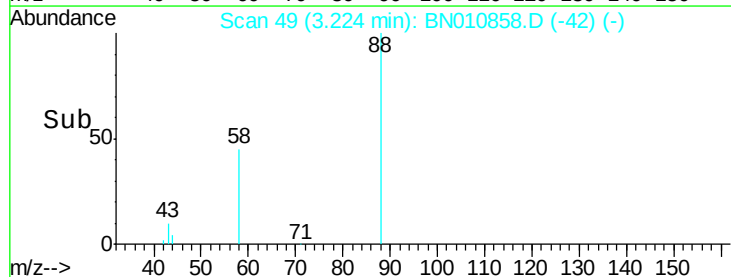
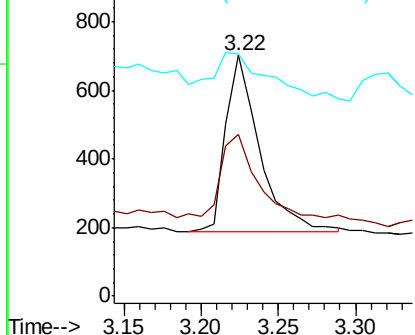
#2

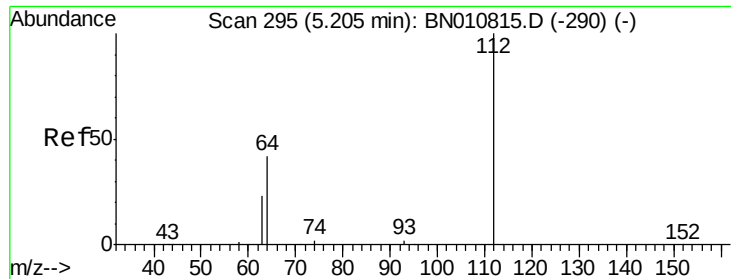
1,4-Dioxane
Concen: 0.314 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010858.D
Acq: 13 Jun 2020 00:54

Tgt Ion: 88 Resp: 785
Ion Ratio Lower Upper
88 100
58 47.3 38.2 57.4
43 40.3 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: 0.149 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

Instrument :

BNA_N

ClientSampleId :

RE135D1-20200609

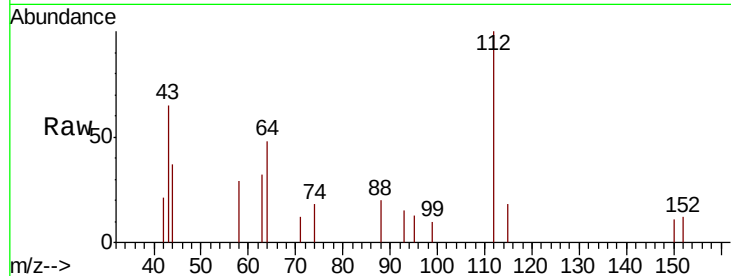
Tot Ion:112 Resp: 734

Ion Ratio Lower Upper

112 100

64 49.0 37.4 56.0

63 25.9 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

5.21

400

300

200

100

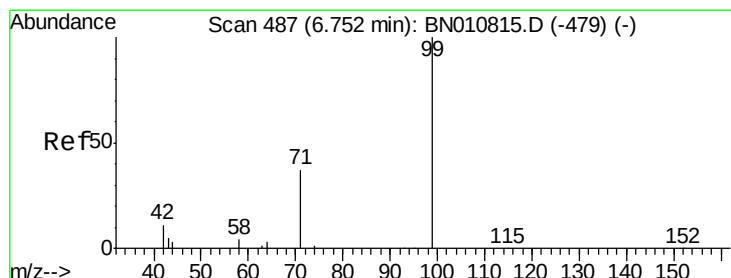
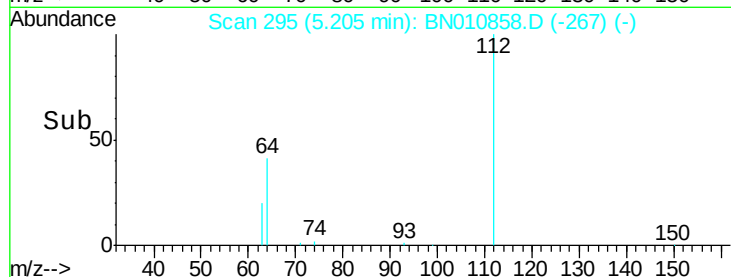
0

5.10

5.20

5.30

Time-->



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

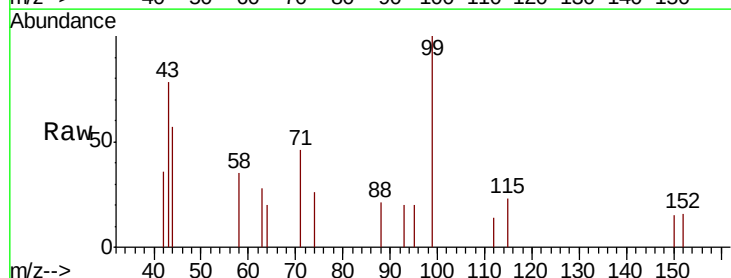
Tgt Ion: 99 Resp: 517

Ion Ratio Lower Upper

99 100

42 24.8 11.1 16.7#

71 40.4 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

6.75

400

300

200

100

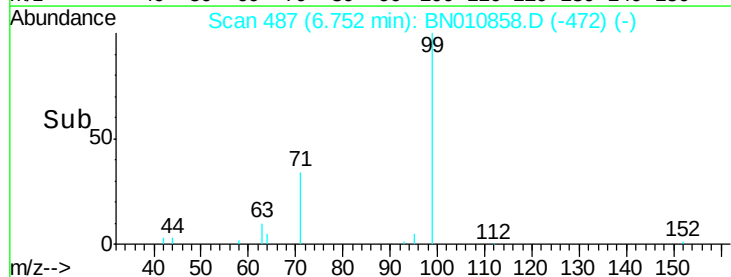
0

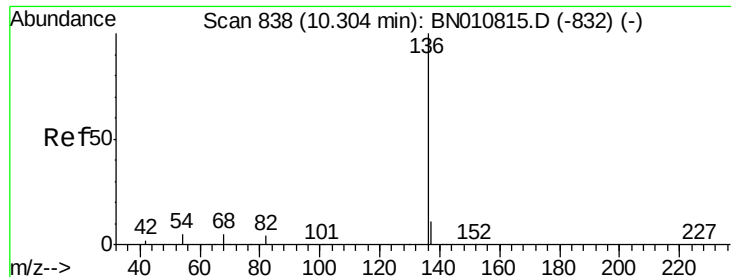
6.70

6.80

6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

Instrument :

BNA_N

ClientSampleId :

RE135D1-20200609

Tot Ion:136 Resp: 9092

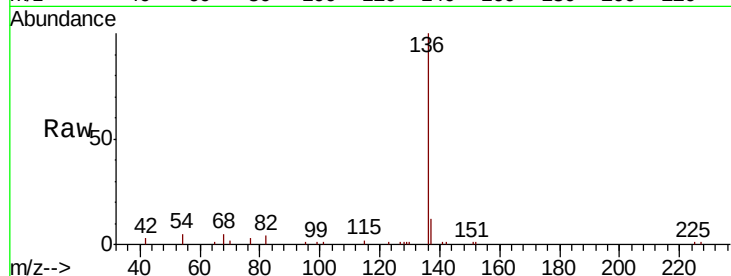
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 4.6 4.9 7.3#

68 5.3 4.7 7.1

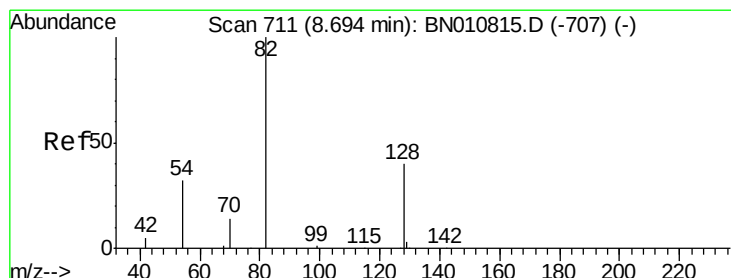
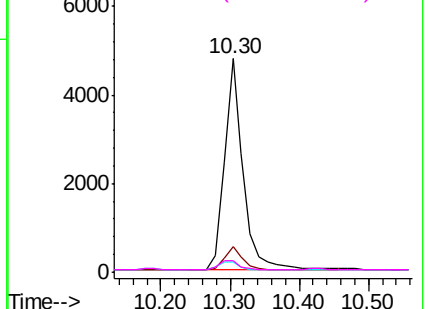
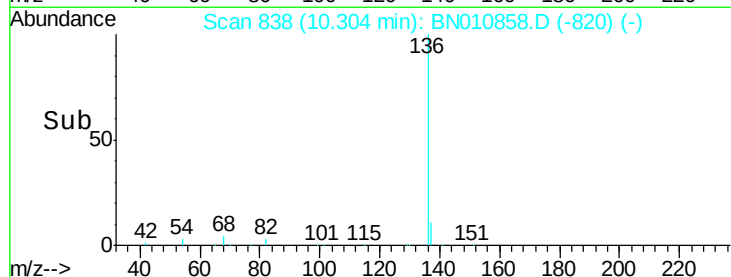


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.334 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

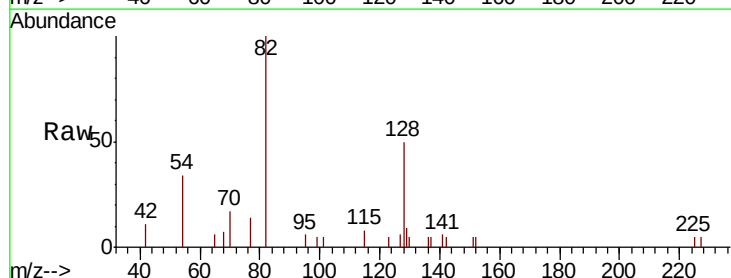
Tgt Ion: 82 Resp: 2249

Ion Ratio Lower Upper

82 100

128 50.3 35.4 53.0

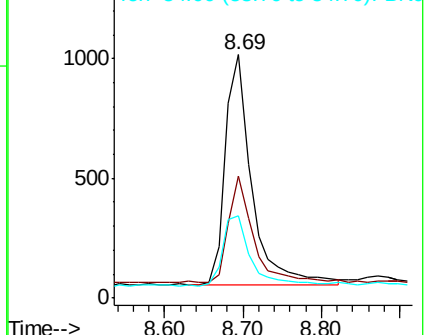
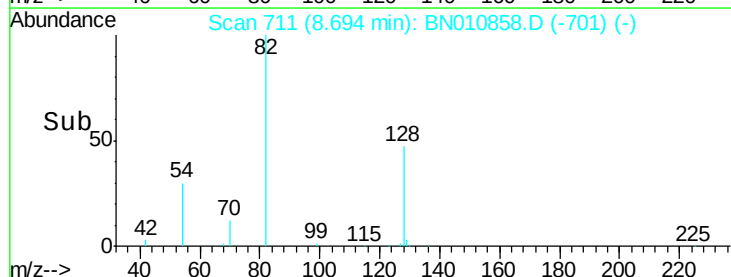
54 33.7 28.2 42.4

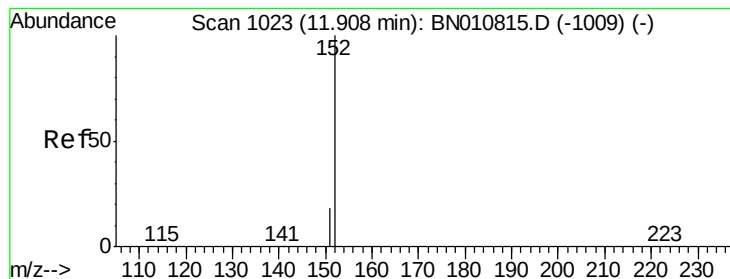


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

Instrument :

BNA_N

ClientSampleId :

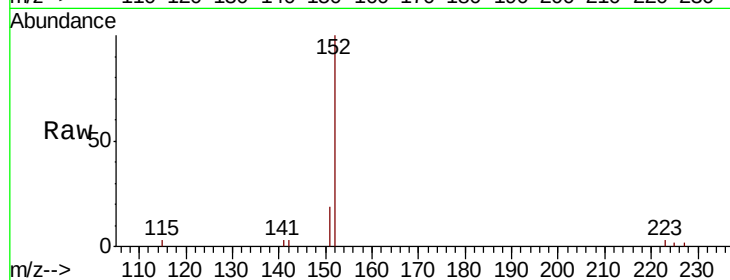
RE135D1-20200609

Tot Ion:152 Resp: 4138

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.90

2000

1500

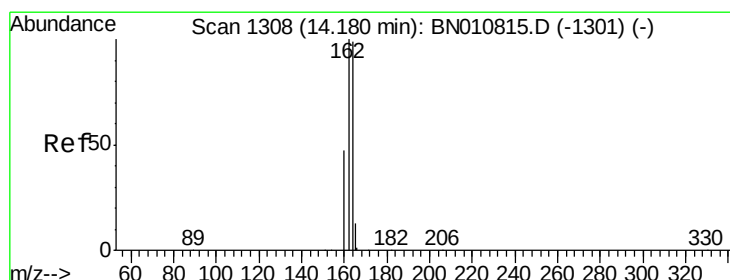
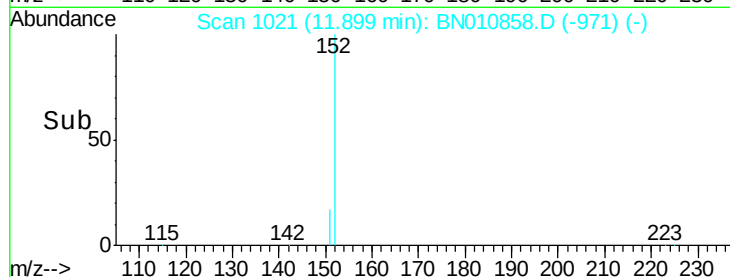
1000

500

0

11.80 11.90 12.00 12.10

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

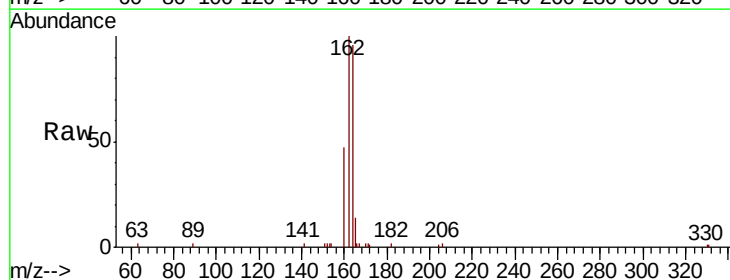
Tgt Ion:164 Resp: 5166

Ion Ratio Lower Upper

164 100

162 104.5 81.0 121.6

160 49.5 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

14.17

4000

3000

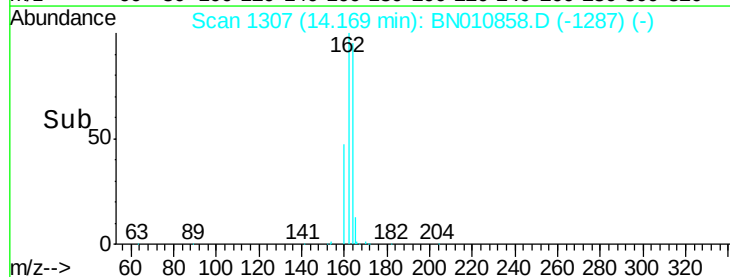
2000

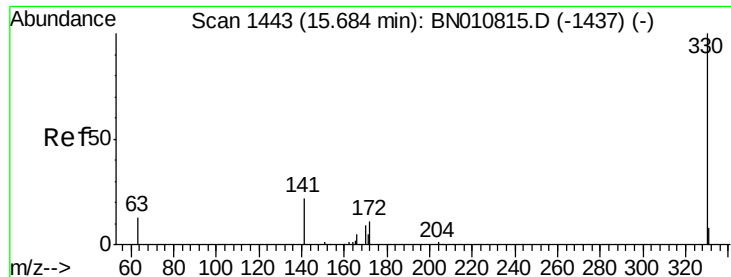
1000

0

14.20 14.40

Time-->

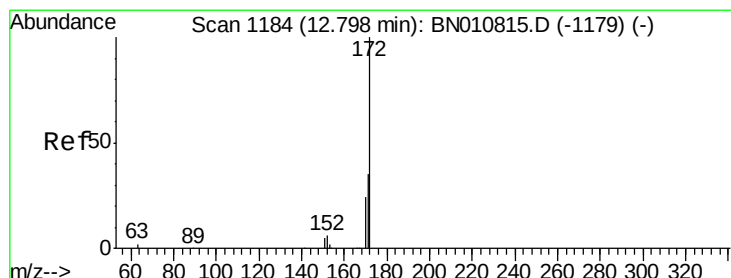
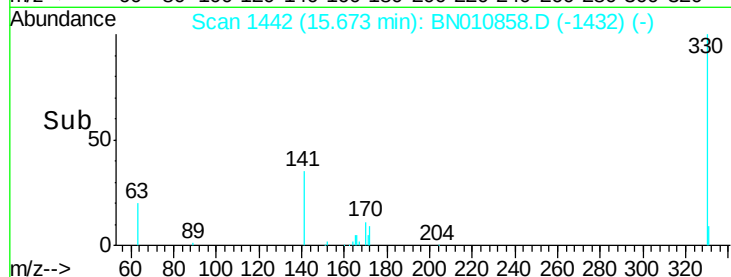
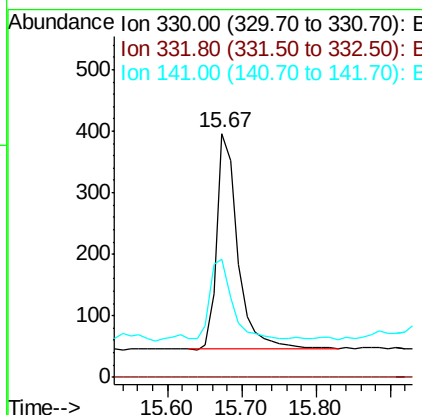
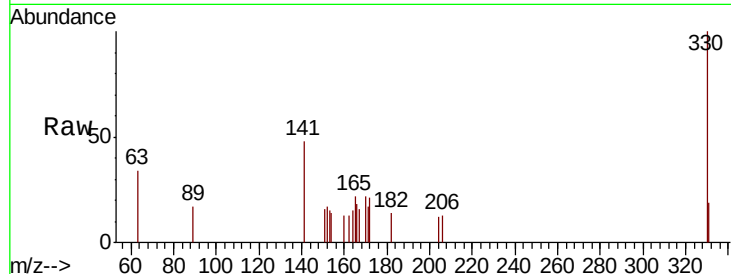




#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN010858.D
Acq: 13 Jun 2020 00:54

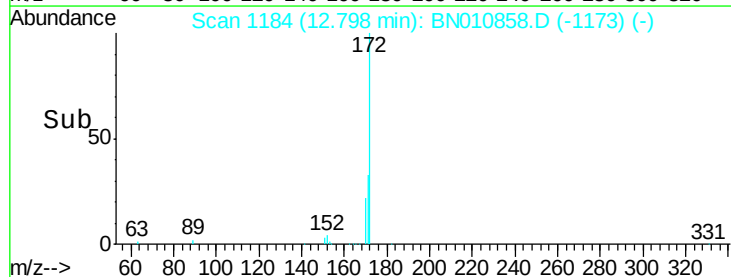
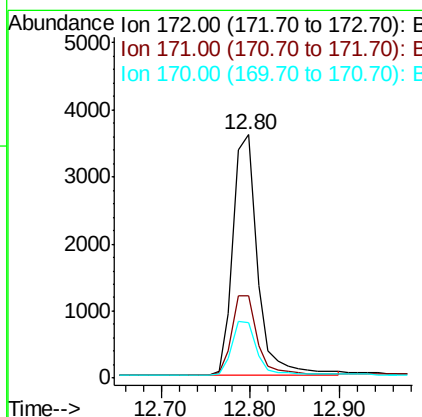
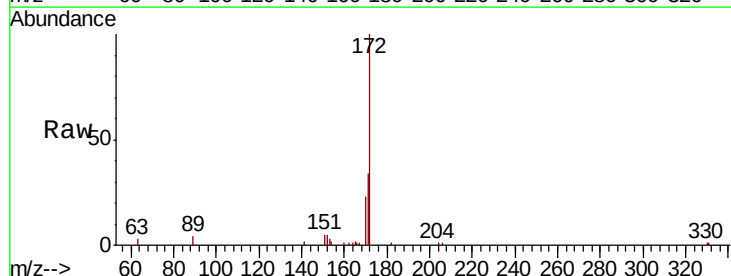
Instrument :
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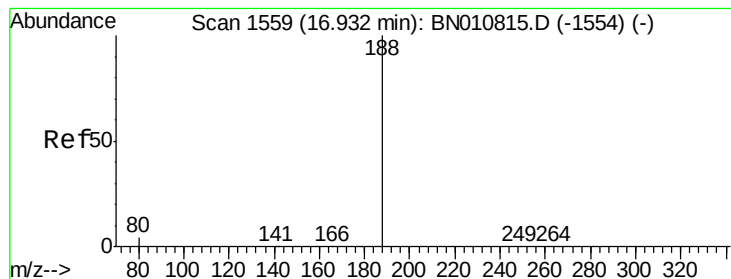
Tot Ion:330 Resp: 689
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.2 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BN010858.D
Acq: 13 Jun 2020 00:54

Tgt Ion:172 Resp: 6901
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 22.8 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

Instrument :

BNA_N

ClientSampleId :

RE135D1-20200609

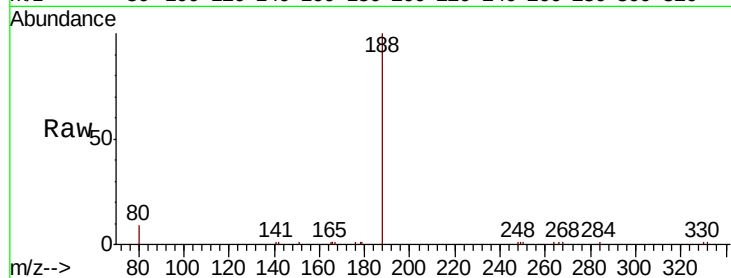
Tot Ion:188 Resp: 10139

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

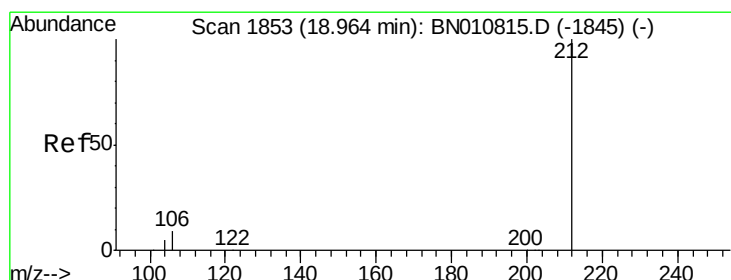
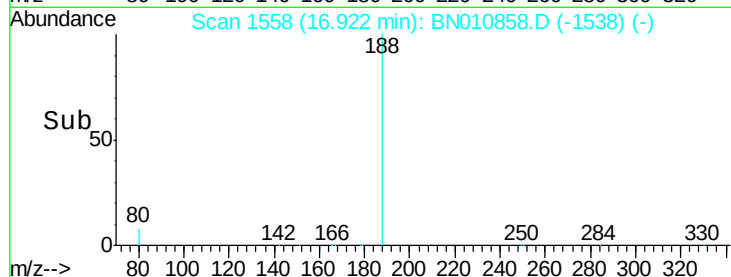
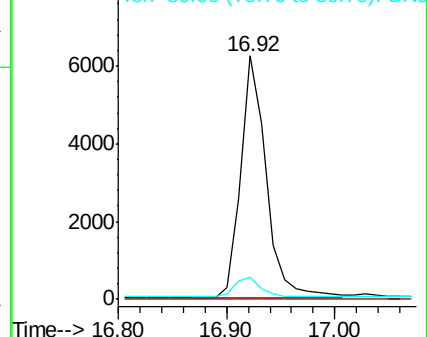
80 9.1 4.5 6.7#



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: 0.396 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

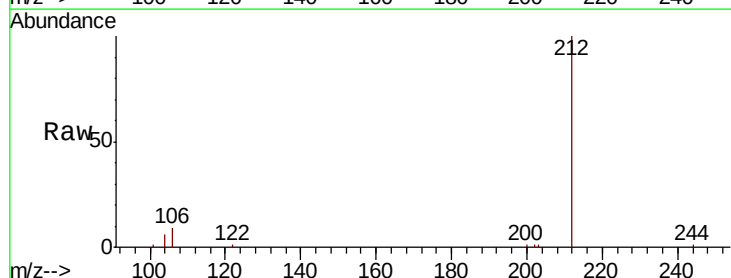
Tgt Ion:212 Resp: 11078

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

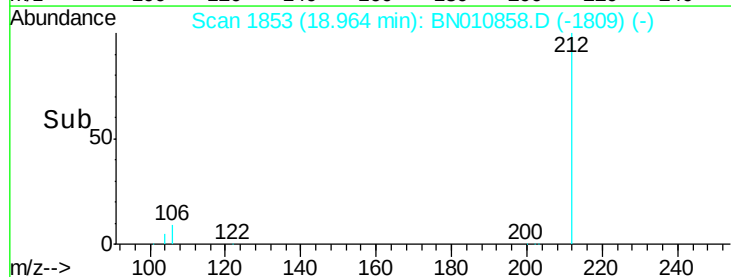
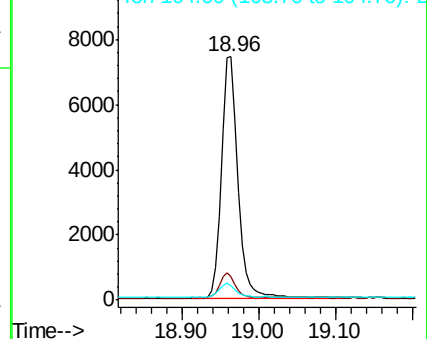
104 5.7 4.0 6.0

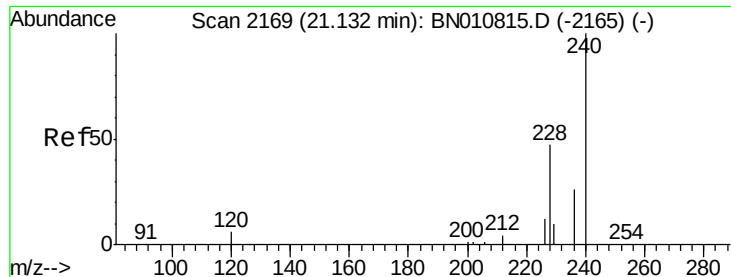


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.13 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BN010858.D

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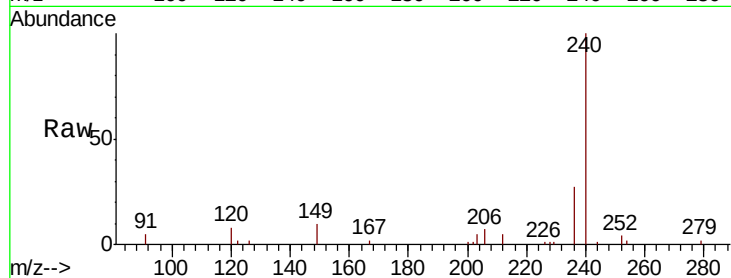
Tot Ion:240 Resp: 9870

Ion Ratio Lower Upper

240 100

120 7.9 7.5 11.3

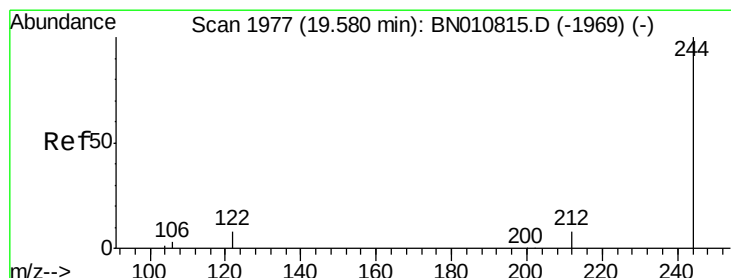
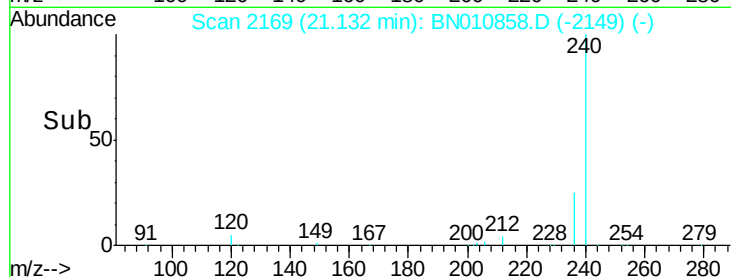
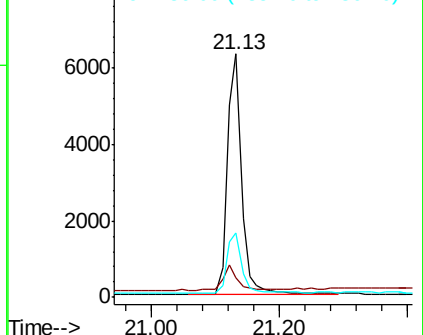
236 26.6 22.3 33.5



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: 0.794 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

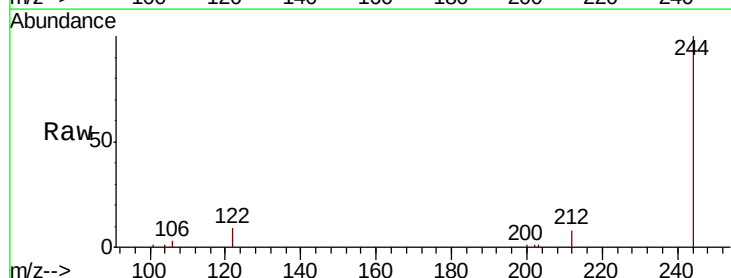
Tgt Ion:244 Resp: 18344

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.2

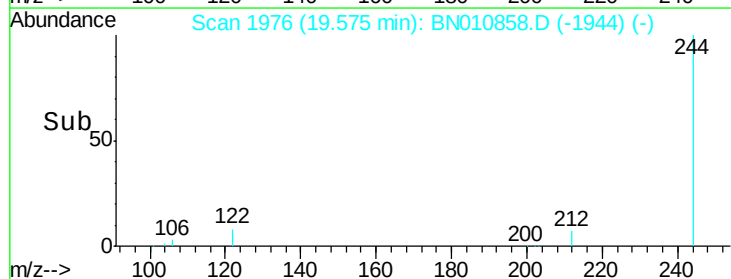
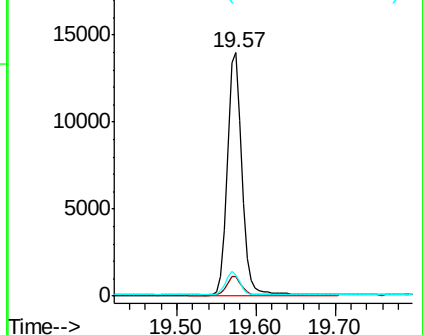
122 8.8 7.5 11.3

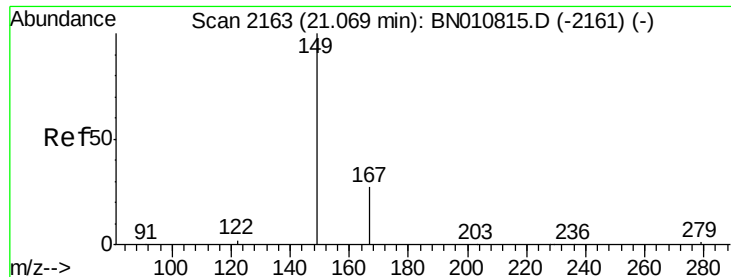


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.119 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN010858.D

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RE135D1-20200609

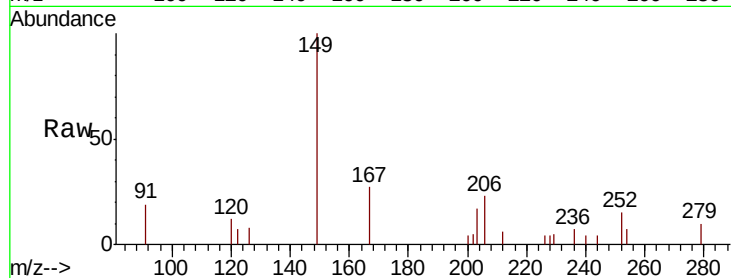
Tot Ion:149 Resp: 1147

Ion Ratio Lower Upper

149 100

167 28.3 24.1 36.1

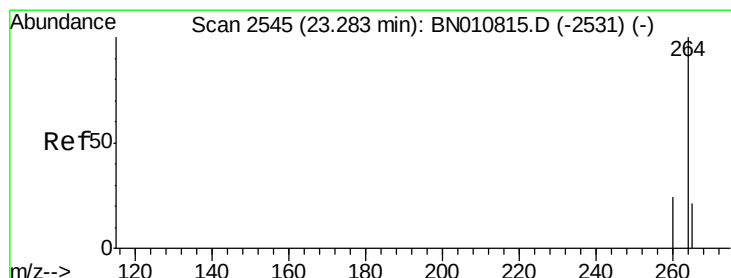
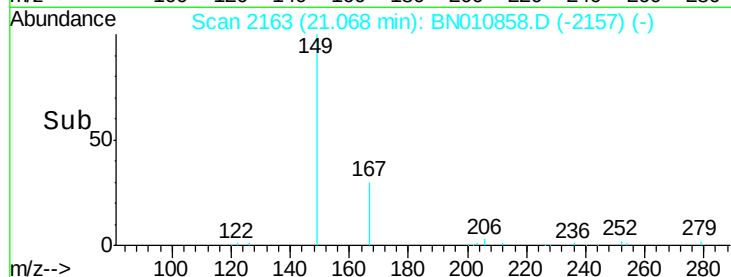
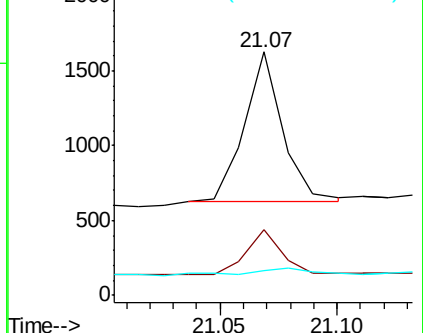
279 5.1 4.6 7.0



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: 23.28 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BN010858.D

Acq: 13 Jun 2020 00:54

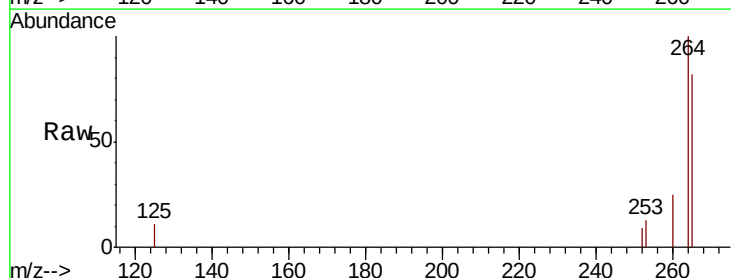
Tgt Ion:264 Resp: 10500

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 82.2 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

