

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011023.D
 Acq On : 23 Jun 2020 05:16
 Operator : CG/JU
 Sample : L3043-23DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 REDUP06-20200616DL

Quant Time: Jun 23 06:50:43 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

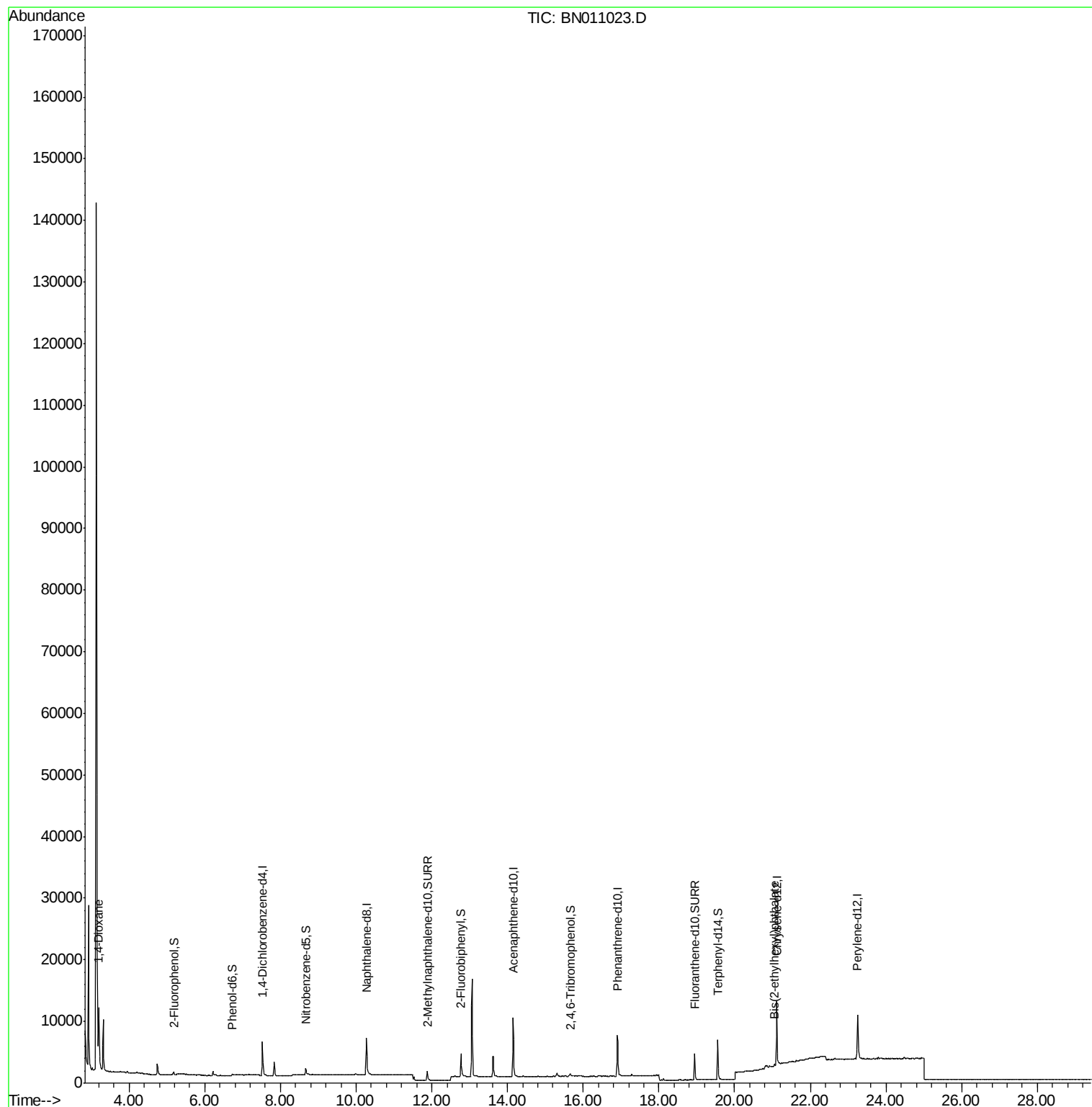
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2825	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	10058	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5711	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	11481	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11642	0.40	ng	-0.01
34) Perylene-d12	23.25	264	10545	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	442	0.08	ng	0.00
5) Phenol-d6	6.74	99	292	0.05	ng	0.00
8) Nitrobenzene-d5	8.67	82	1328	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	2085	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	407	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	4567	0.20	ng	0.00
25) Fluoranthene-d10	18.94	212	5775	0.18	ng	0.00
29) Terphenyl-d14	19.55	244	6989	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	7175	2.593	ng	Qvalue 98
32) Bis(2-ethylhexyl)phthalate	21.05	149	477	0.042	ng	# 93

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

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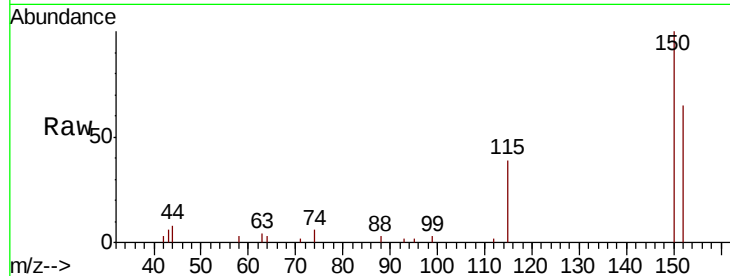


#1

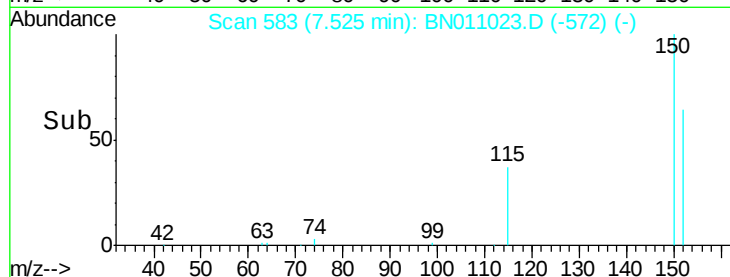
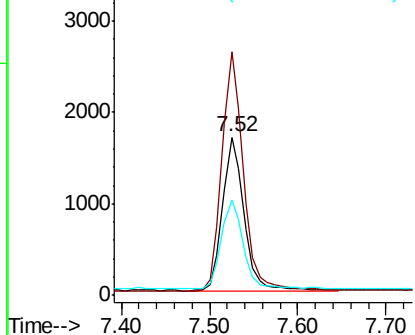
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011023.D
Acq: 23 Jun 2020 05:16

Instrument :
BNA_N
ClientSampleId :
REDUP06-20200616DL

Tot Ion:152 Resp: 2825
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 60.4 49.2 73.8



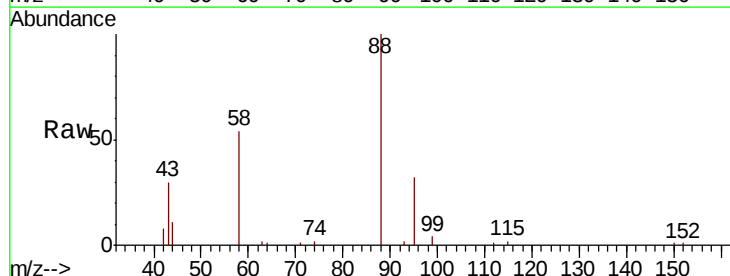
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



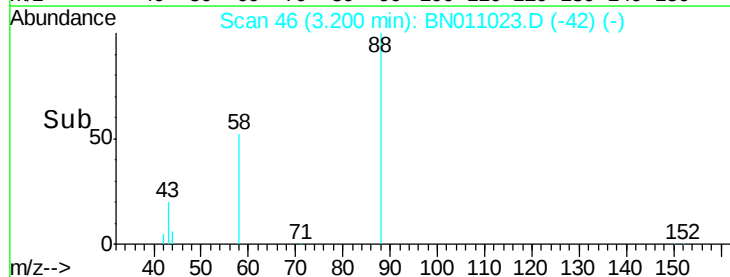
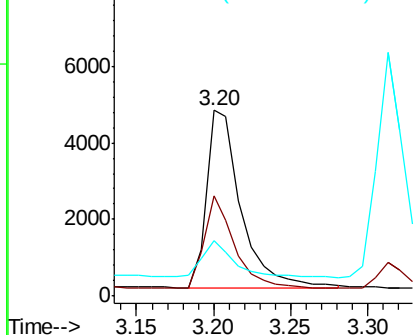
#2

1,4-Dioxane
Concen: 2.593 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN011023.D
Acq: 23 Jun 2020 05:16

Tgt Ion: 88 Resp: 7175
Ion Ratio Lower Upper
88 100
58 46.1 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





#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616DL

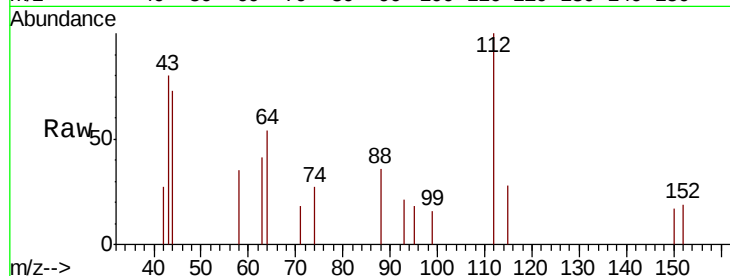
Tot Ion: 112 Resp: 442

Ion Ratio Lower Upper

112 100

64 47.5 37.4 56.0

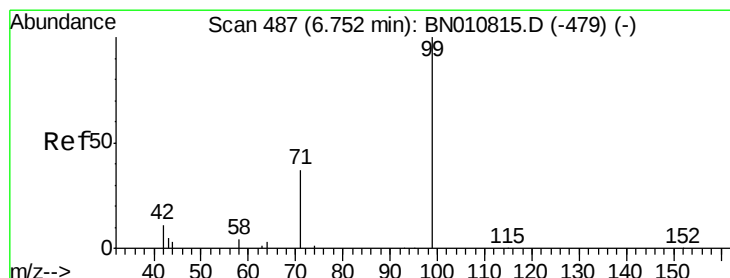
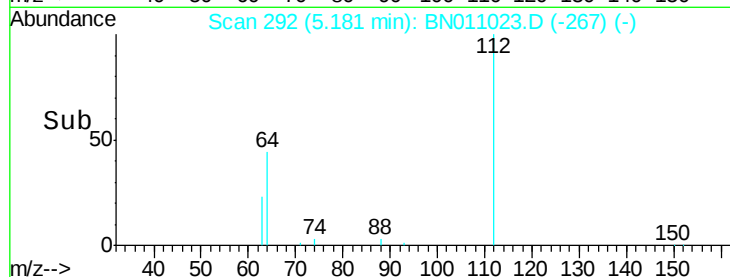
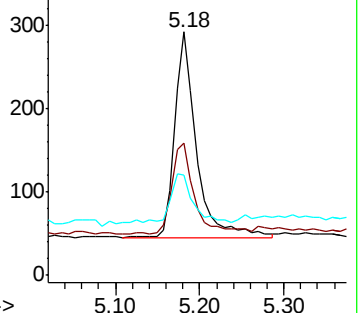
63 23.8 22.2 33.4



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: 0.045 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

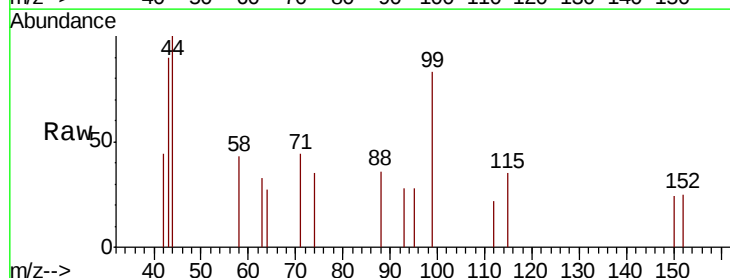
Tgt Ion: 99 Resp: 292

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

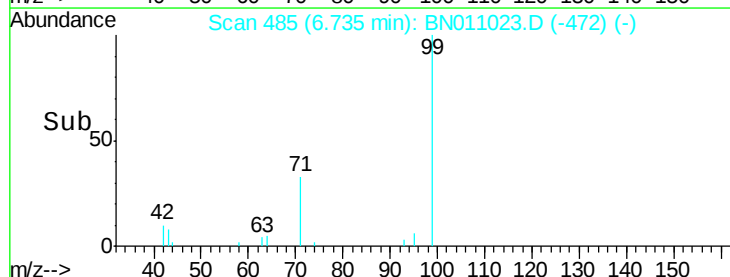
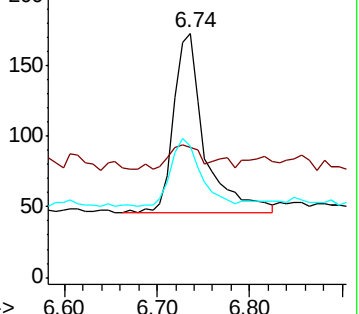
71 37.7 31.4 47.2

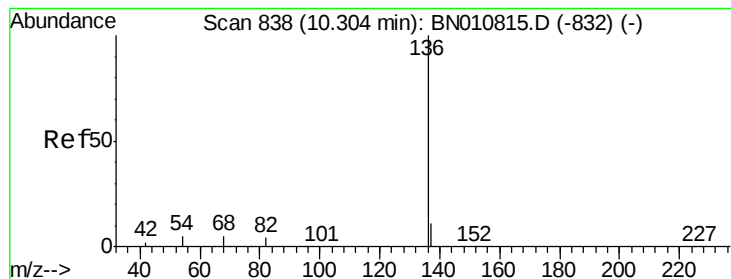


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616DL

Tot Ion:136 Resp: 10058

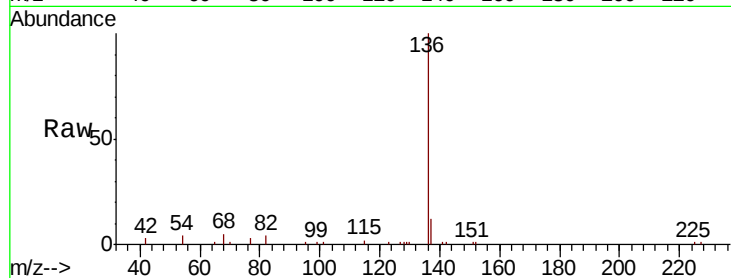
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.2 4.9 7.3#

68 4.6 4.7 7.1#

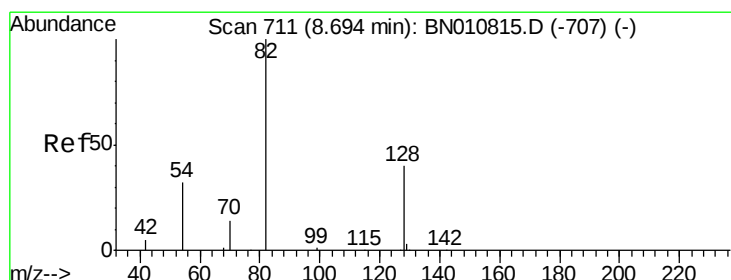
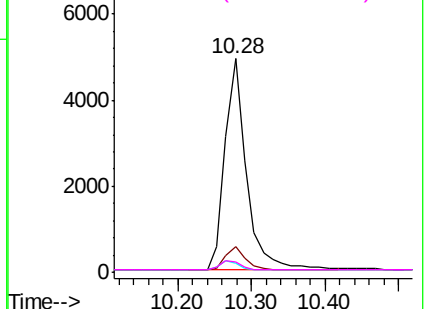
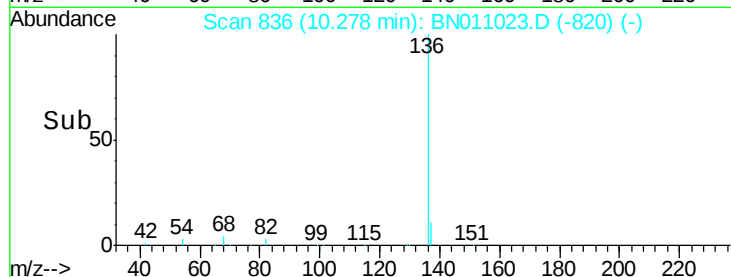


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.178 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

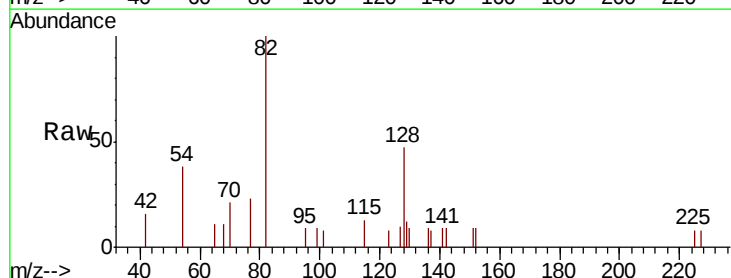
Tgt Ion: 82 Resp: 1328

Ion Ratio Lower Upper

82 100

128 47.3 35.4 53.0

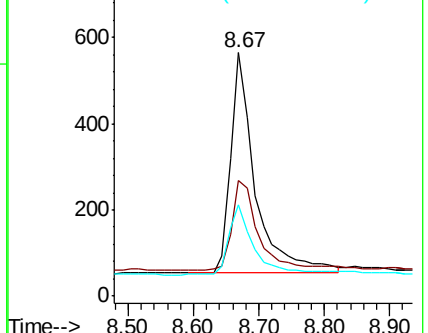
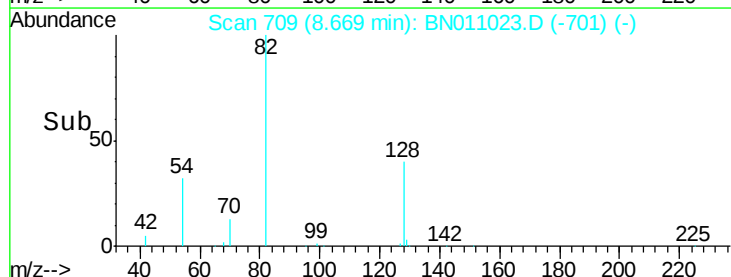
54 37.5 28.2 42.4

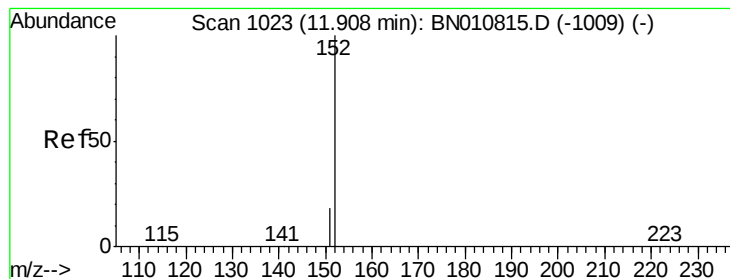


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.134 ng

RT: 11.88 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

Instrument :

BNA_N

ClientSampleId :

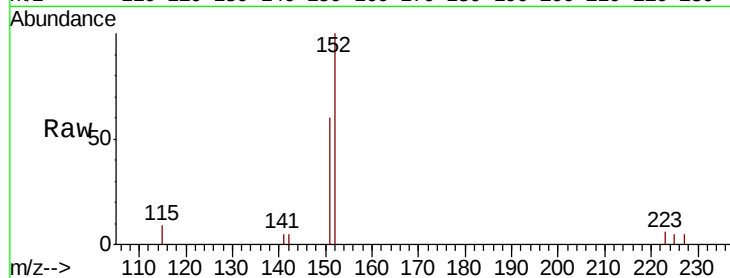
REDUP06-20200616DL

Tot Ion:152 Resp: 2085

Ion Ratio Lower Upper

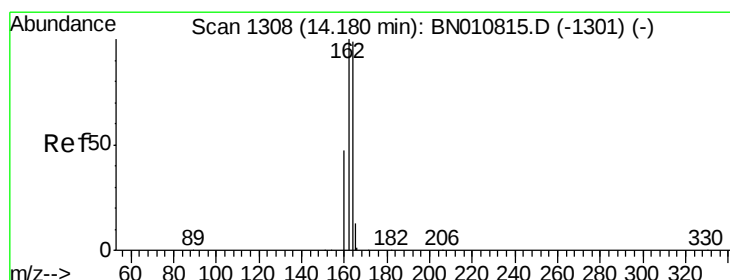
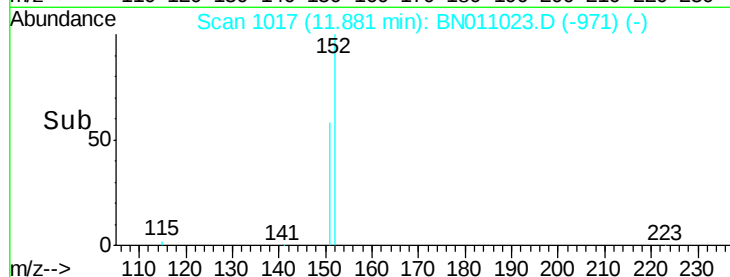
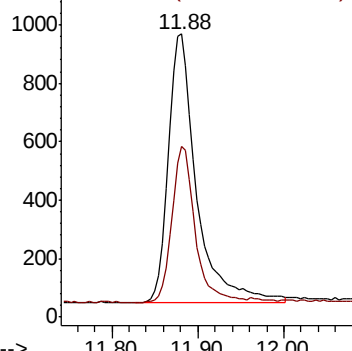
152 100

151 47.7 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

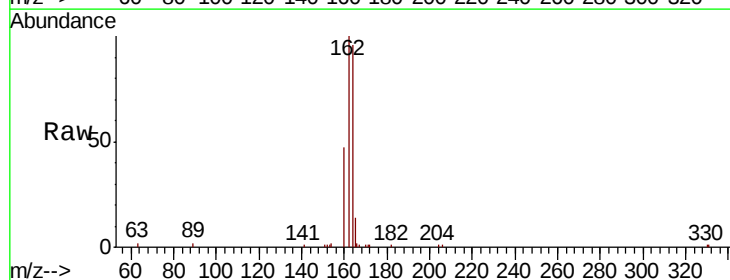
Tgt Ion:164 Resp: 5711

Ion Ratio Lower Upper

164 100

162 104.0 81.0 121.6

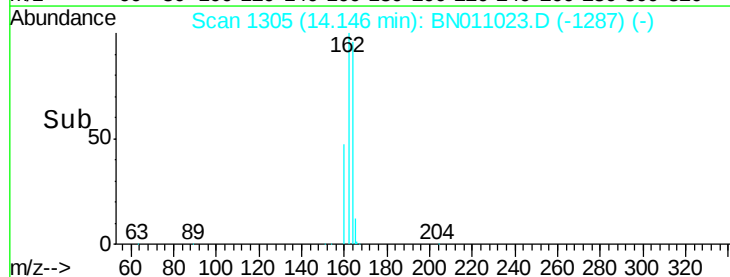
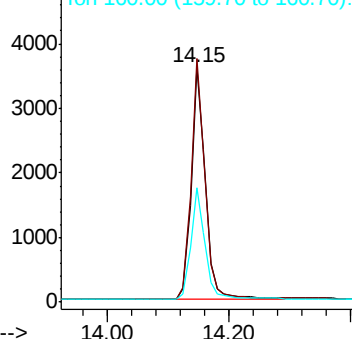
160 49.1 38.9 58.3



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

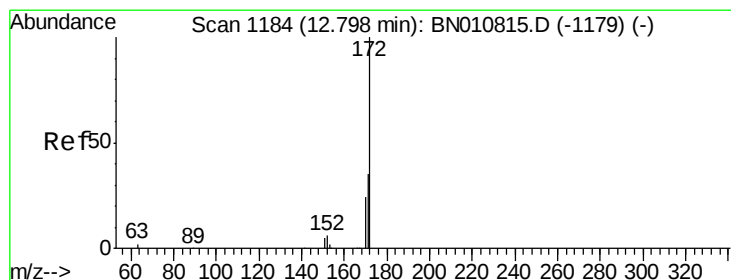
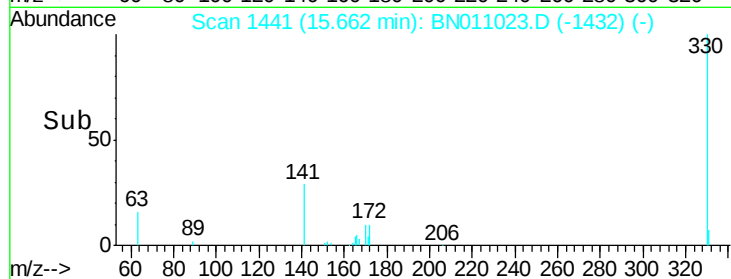
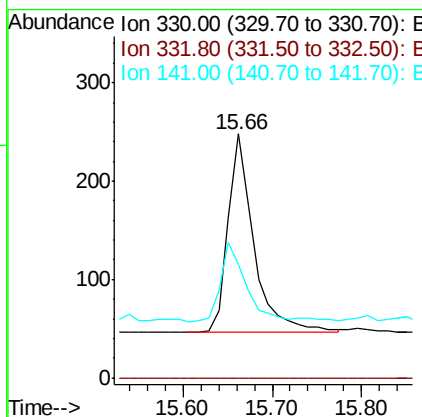
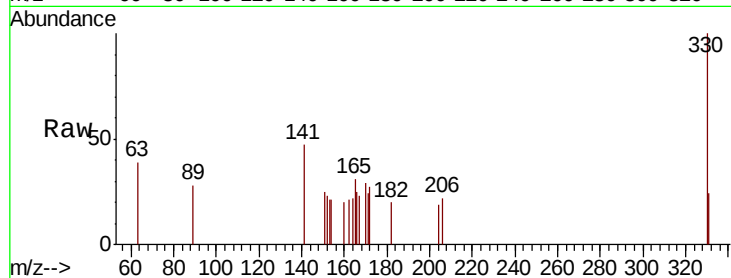




#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011023.D
Acq: 23 Jun 2020 05:16

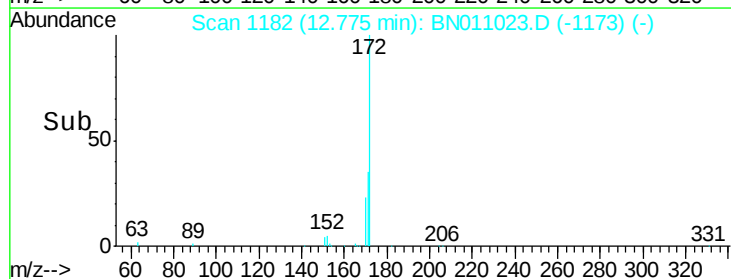
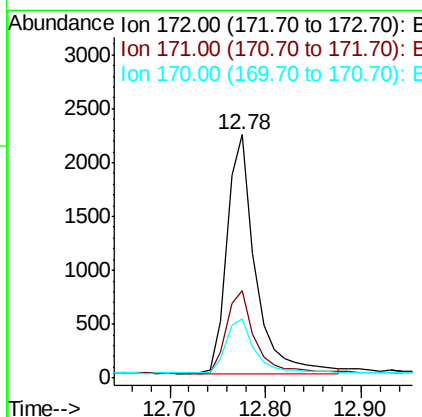
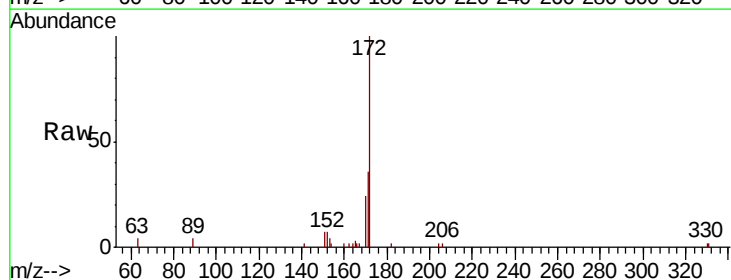
Instrument :
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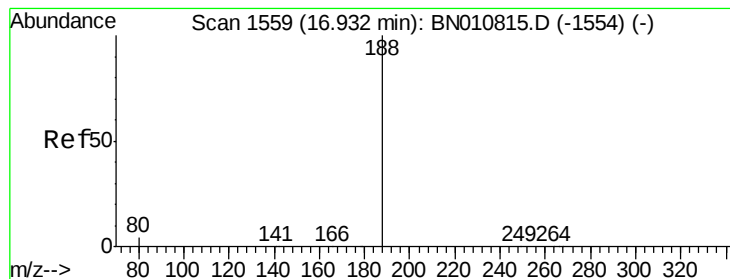
Tot Ion:330 Resp: 407
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.3 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN011023.D
Acq: 23 Jun 2020 05:16

Tgt Ion:172 Resp: 4567
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.2 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616DL

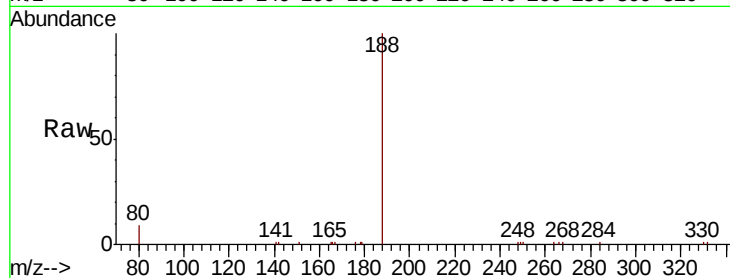
Tot Ion:188 Resp: 11481

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 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

16.90

8000

6000

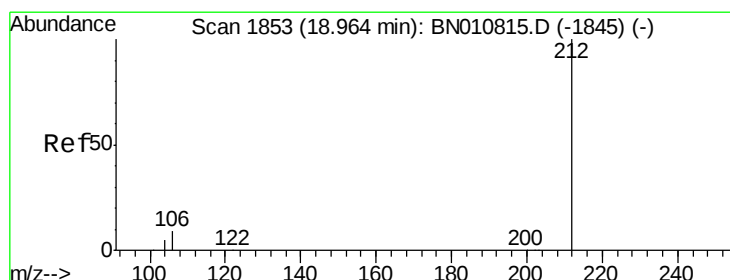
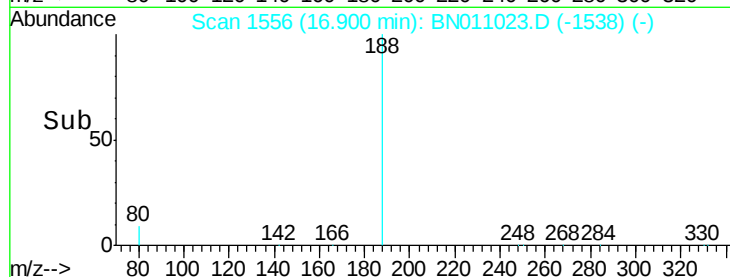
4000

2000

0

Time-->

16.80 17.00 17.20



#25

Fluoranthene-d10

Concen: 0.182 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

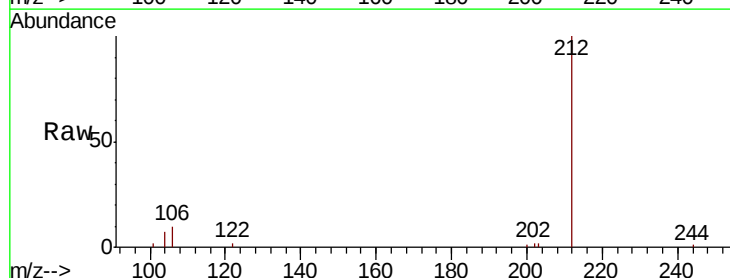
Tgt Ion:212 Resp: 5775

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

104 5.6 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

18.94

5000

4000

3000

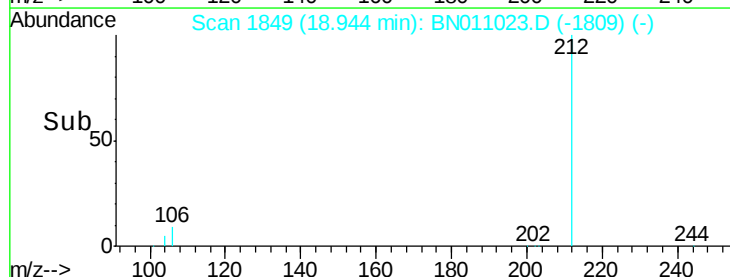
2000

1000

0

Time-->

18.90 19.00 19.10

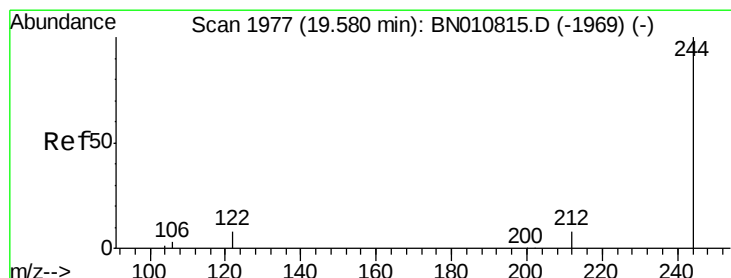
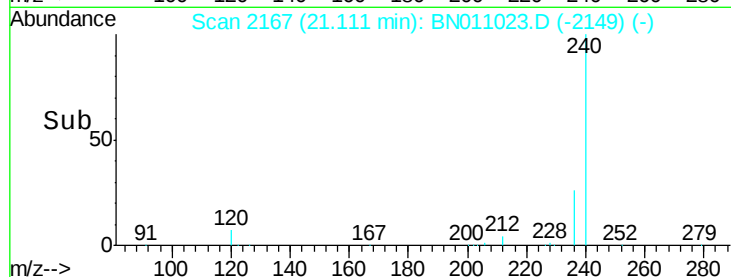
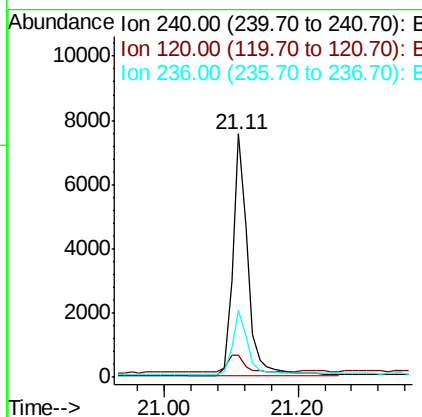
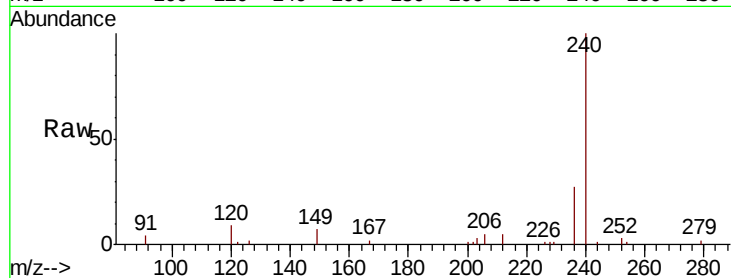




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BN011023.D
 Acq: 23 Jun 2020 05:16

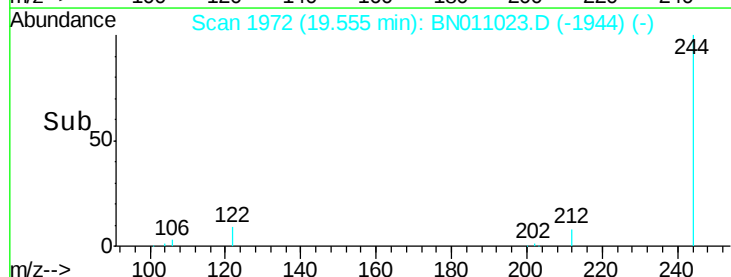
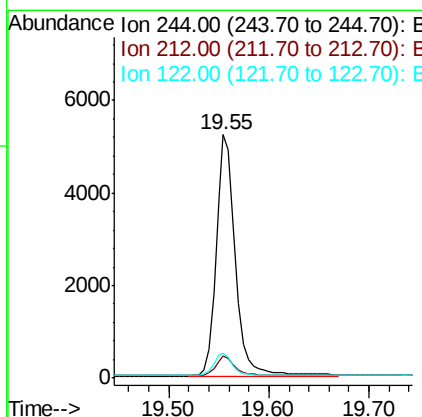
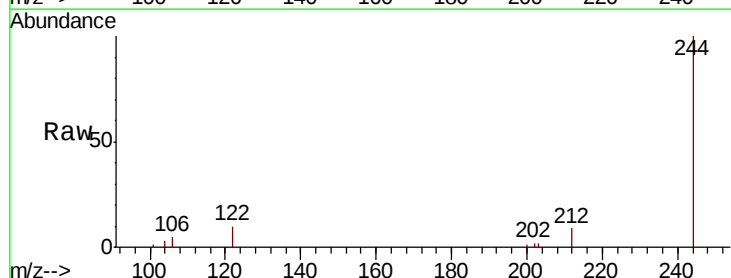
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 REDUP06-20200616DL

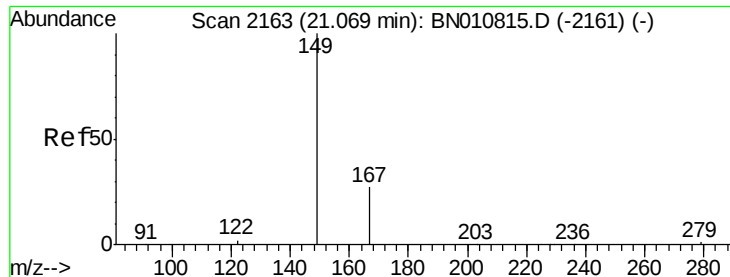
Tot Ion:240 Resp: 11642
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.5 11.3
 236 27.3 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.256 ng
 RT: 19.55 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BN011023.D
 Acq: 23 Jun 2020 05:16

Tgt Ion:244 Resp: 6989
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.4 11.2
 122 10.4 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616DL

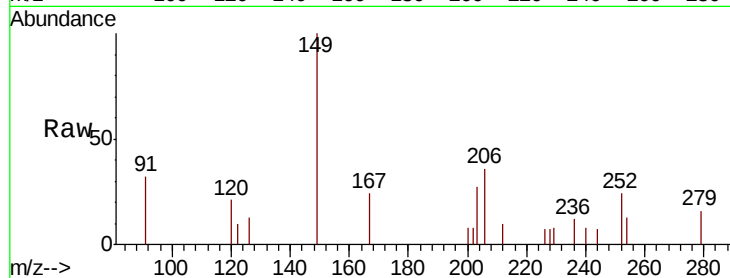
Tot Ion:149 Resp: 477

Ion Ratio Lower Upper

149 100

167 25.8 24.1 36.1

279 7.3 4.6 7.0#

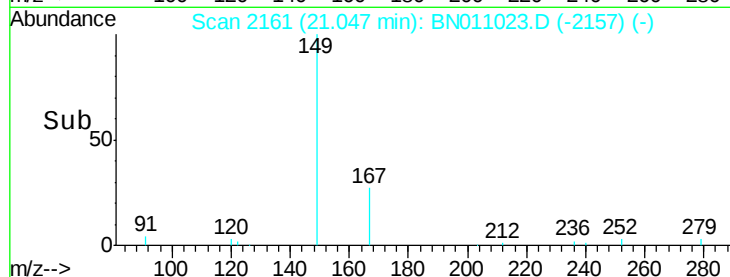


Abundance Ion 149.00 (148.70 to 149.70): E

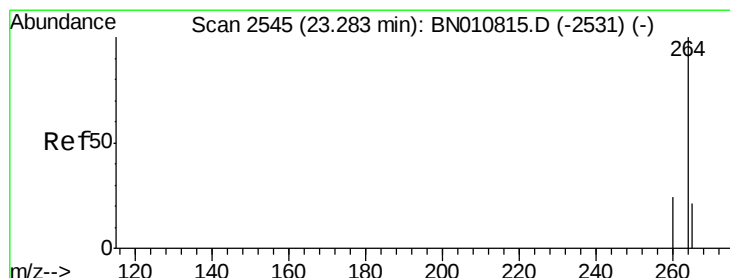
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN011023.D

Acq: 23 Jun 2020 05:16

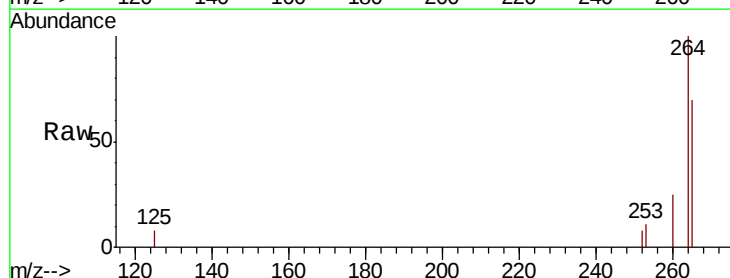
Tgt Ion:264 Resp: 10545

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 70.3 75.0 112.4#

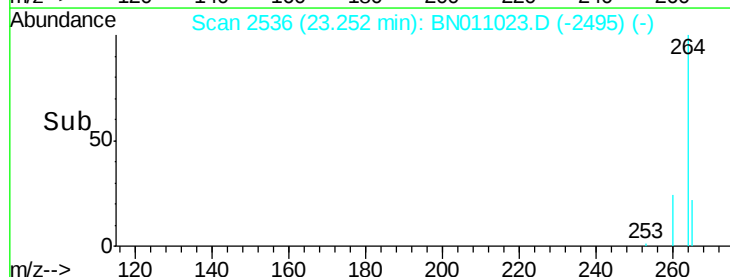


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->