

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011670.D
 Acq On : 27 Aug 2020 18:43
 Operator : CG/JU
 Sample : L3737-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200818

Quant Time: Aug 28 00:48:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

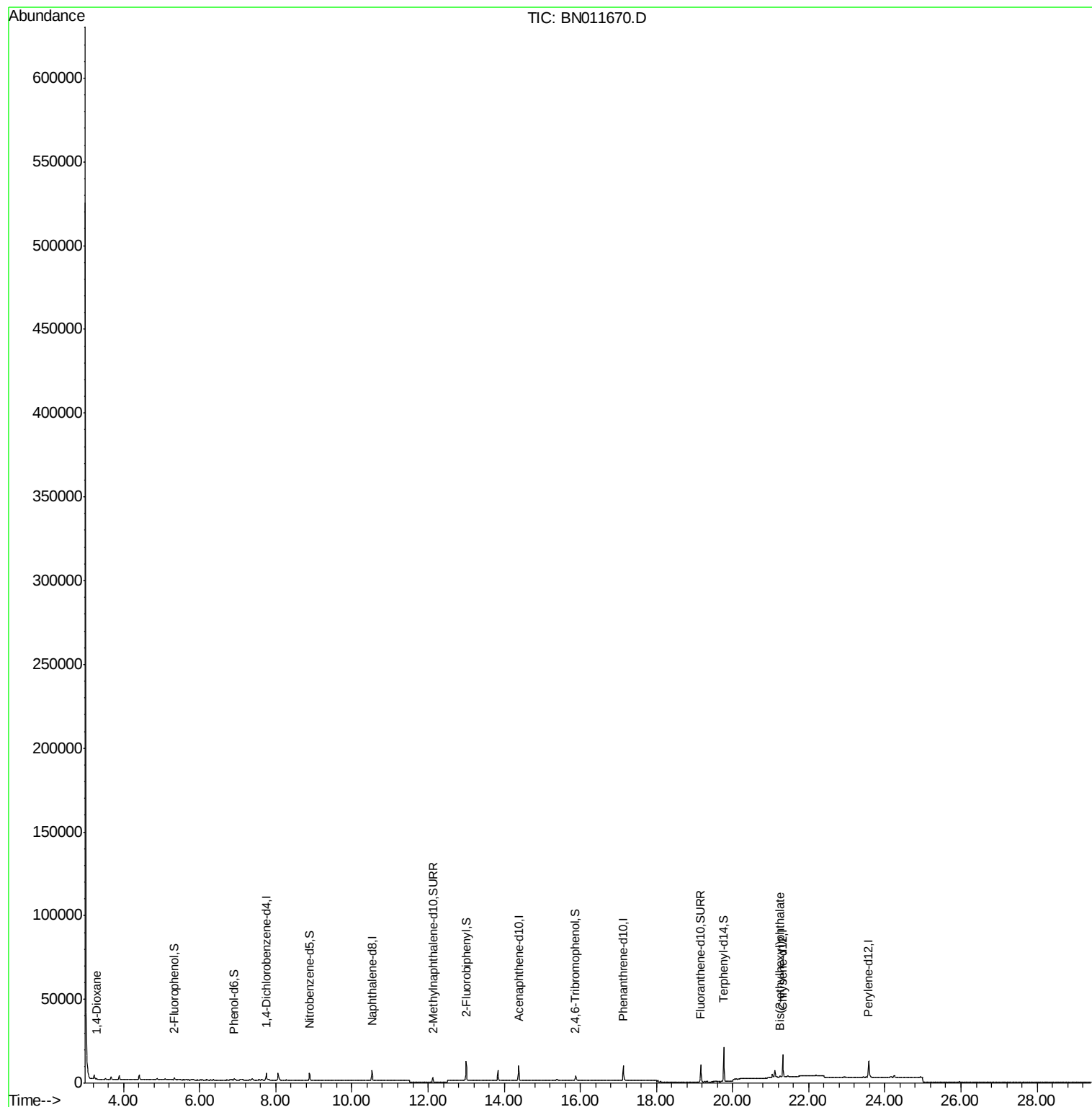
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2068	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	8032	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4938	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	11289	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12117	0.40	ng	0.00
36) Perylene-d12	23.58	264	13326	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	857	0.15	ng	0.00
5) Phenol-d6	6.91	99	698	0.09	ng	0.00
8) Nitrobenzene-d5	8.88	82	3522	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	3774	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	984	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	9740	0.47	ng	0.00
27) Fluoranthene-d10	19.16	212	12011	0.33	ng	0.00
31) Terphenyl-d14	19.77	244	20231	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	170	0.051	ng	# 80
34) Bis(2-ethylhexyl)phthalate	21.25	149	804	0.046	ng	# 99

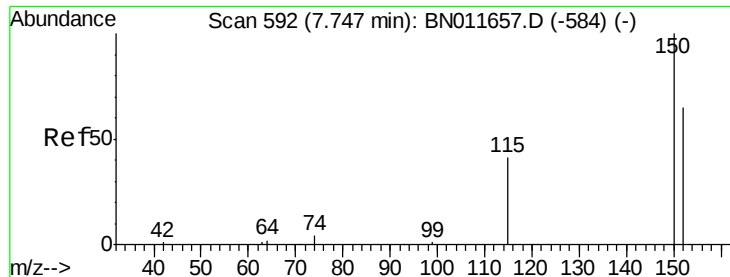
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
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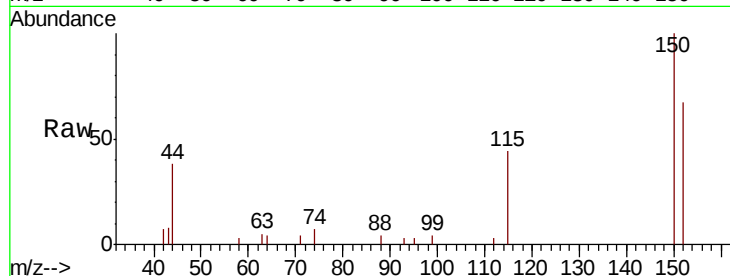


#1

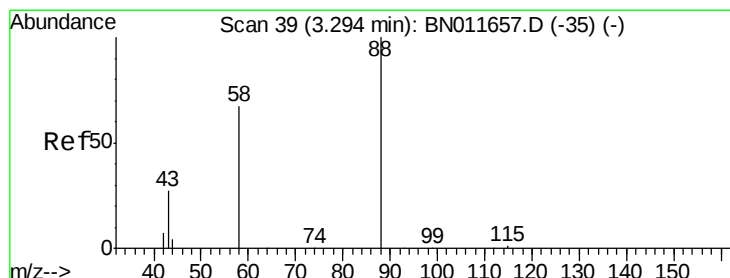
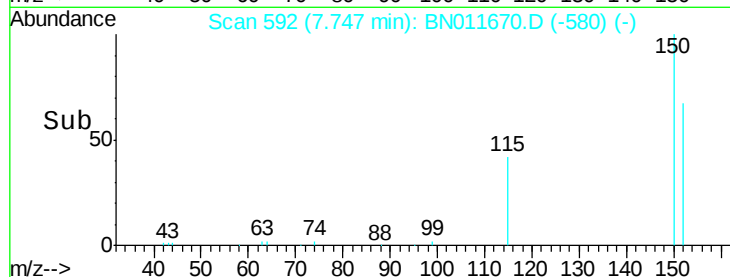
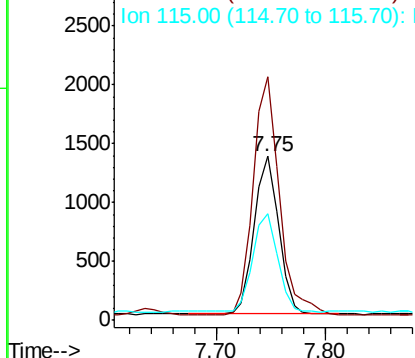
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011670.D
Acq: 27 Aug 2020 18:43

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200818

Tot Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
150 148.7 121.0 181.6
115 65.0 52.6 78.8



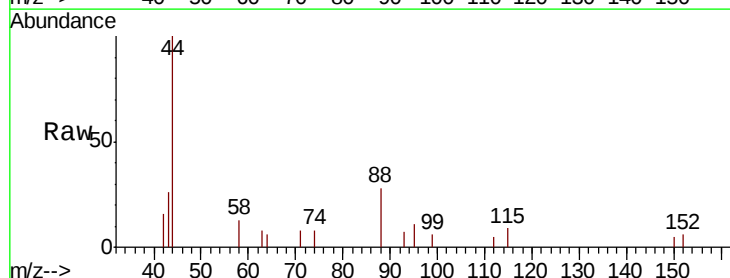
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



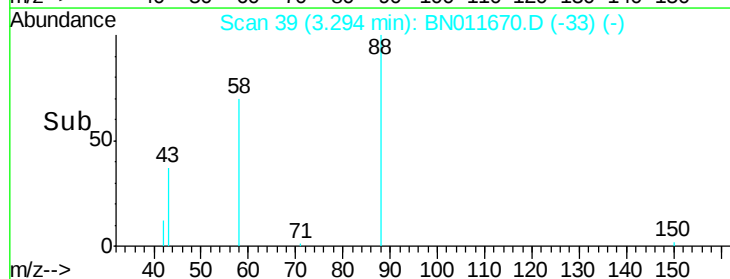
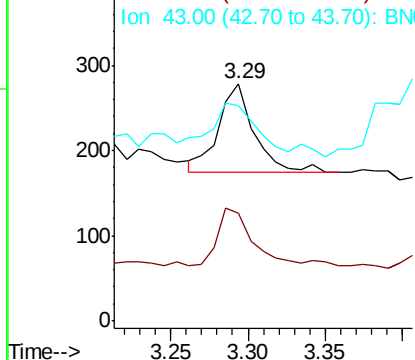
#2

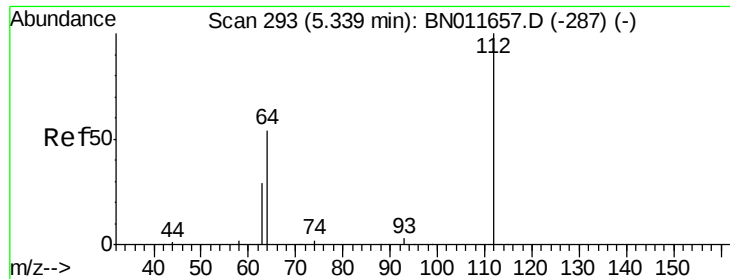
1,4-Dioxane
Concen: 0.051 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011670.D
Acq: 27 Aug 2020 18:43

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
58 66.5 61.4 92.0
43 59.4 29.8 44.8#



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: 0.147 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

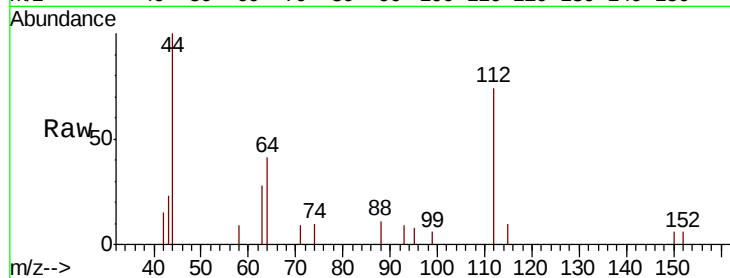
Tot Ion:112 Resp: 857

Ion Ratio Lower Upper

112 100

64 62.3 49.7 74.5

63 36.9 29.4 44.0



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

5.34

600

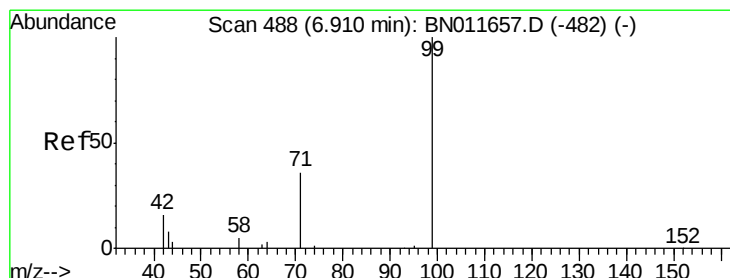
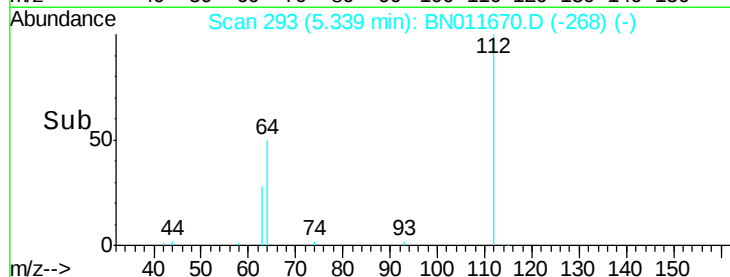
400

200

0

5.25 5.30 5.35 5.40

Time-->



#5

Phenol-d6

Concen: 0.088 ng

RT: 6.91 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

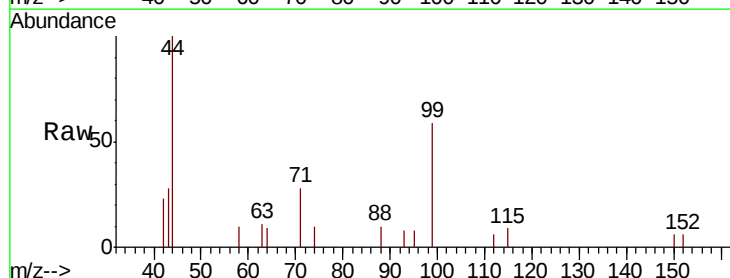
Tgt Ion: 99 Resp: 698

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

71 43.6 33.3 49.9



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

6.91

600

500

400

300

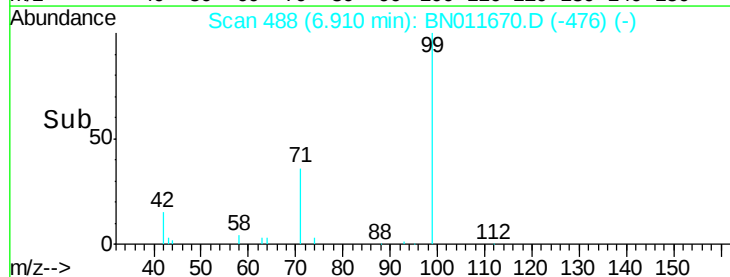
200

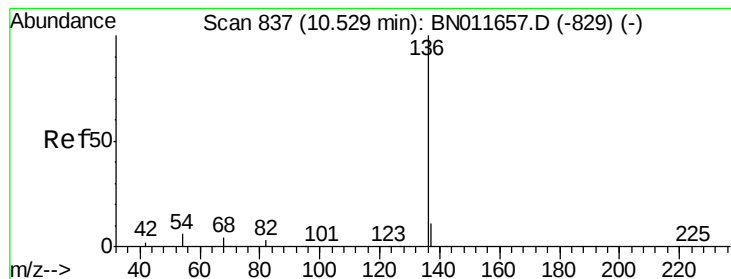
100

0

6.85 6.90 6.95

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

Tot Ion:136 Resp: 8032

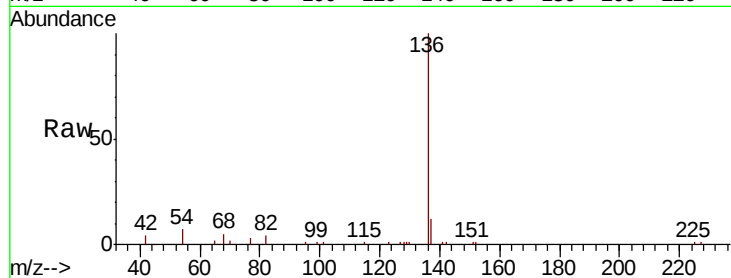
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.1 5.8 8.8

68 4.8 4.1 6.1

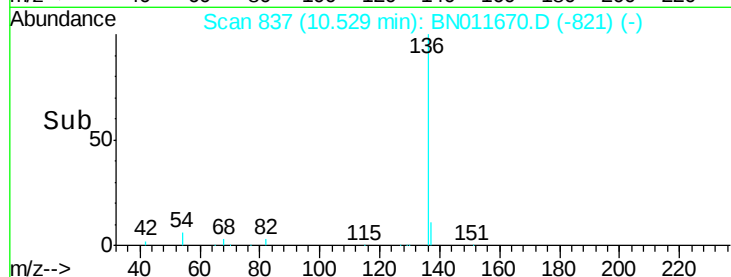


Abundance Ion 136.00 (135.70 to 136.70): E

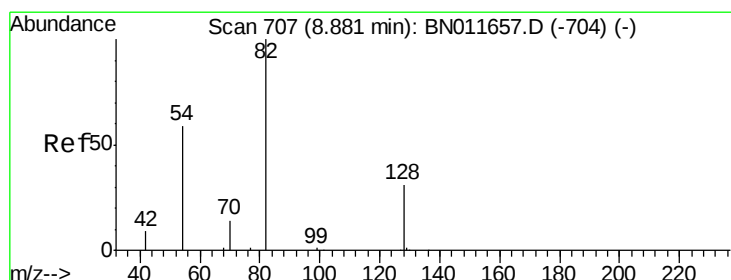
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.453 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

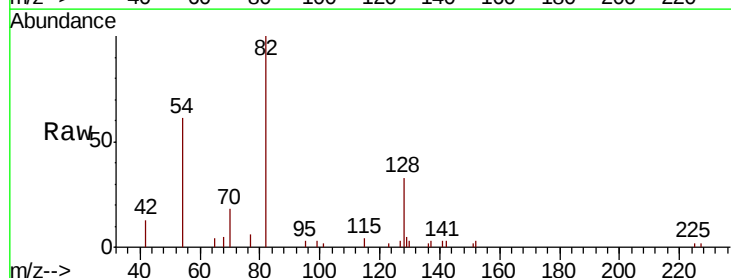
Tgt Ion: 82 Resp: 3522

Ion Ratio Lower Upper

82 100

128 32.8 26.2 39.2

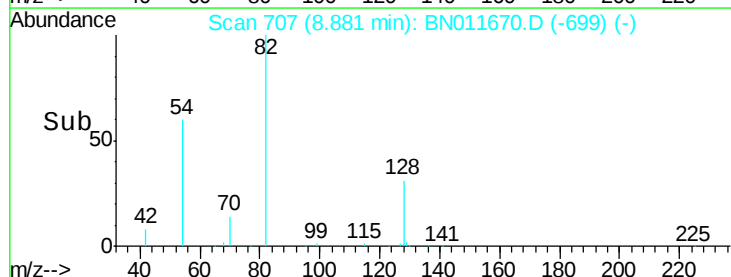
54 61.2 48.2 72.4



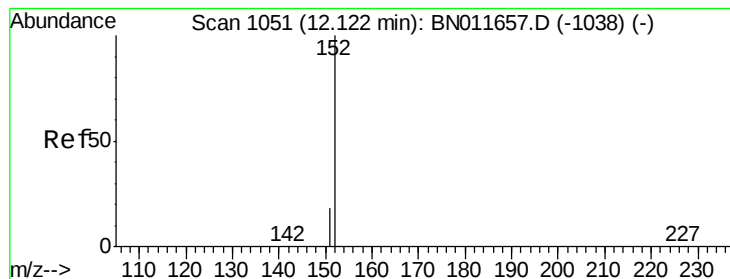
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.261 ng

RT: 12.12 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

Instrument :

BNA_N

ClientSampleId :

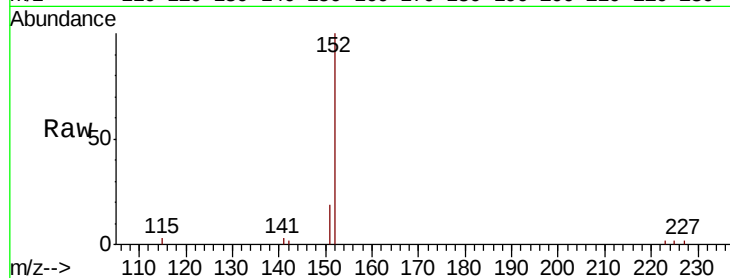
KY038PS027-200818

Tot Ion:152 Resp: 3774

Ion Ratio Lower Upper

152 100

151 20.0 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

2500

2000

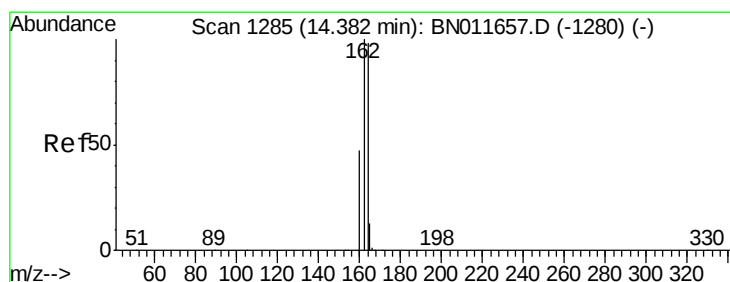
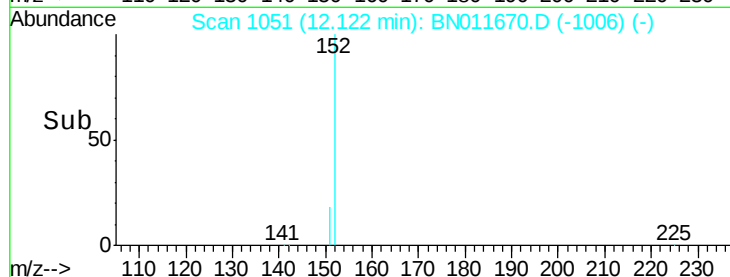
1500

1000

500

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

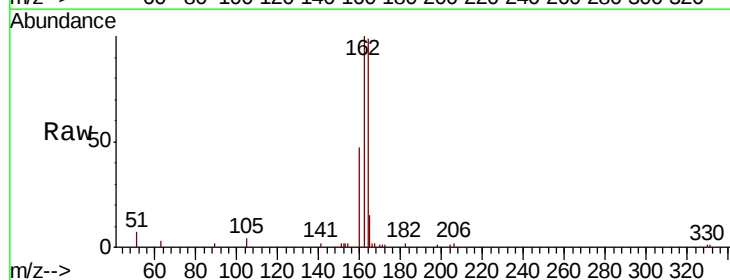
Tgt Ion:164 Resp: 4938

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 48.0 38.5 57.7



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

14.38

4000

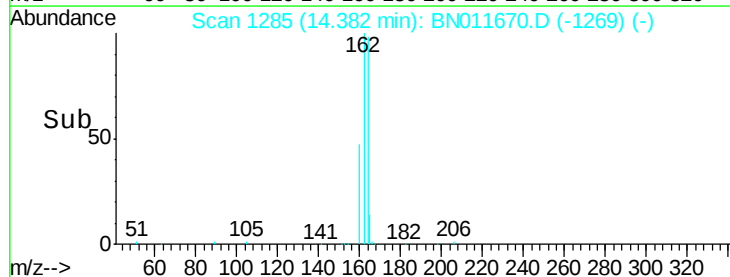
3000

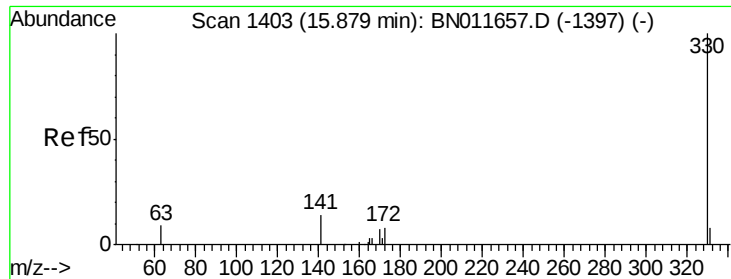
2000

1000

0

Time-->

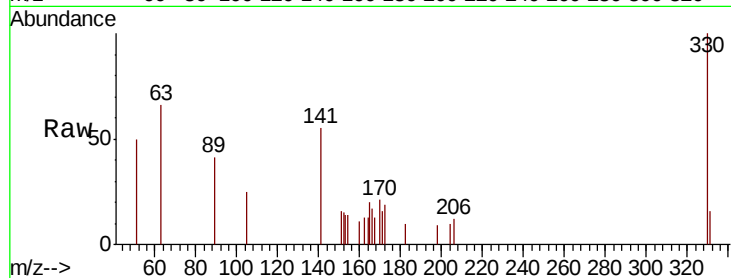




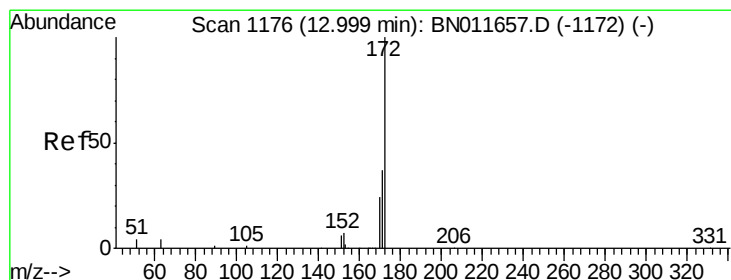
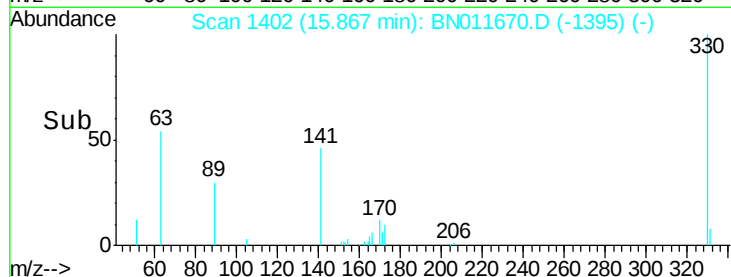
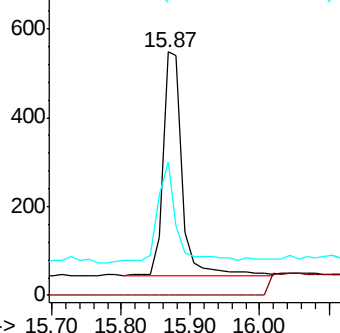
#14
 2,4,6-Tribromophenol
 Concen: 0.410 ng
 RT: 15.87 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BN011670.D
 Acq: 27 Aug 2020 18:43

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200818

Tot Ion:330 Resp: 984
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.9 30.0 45.0

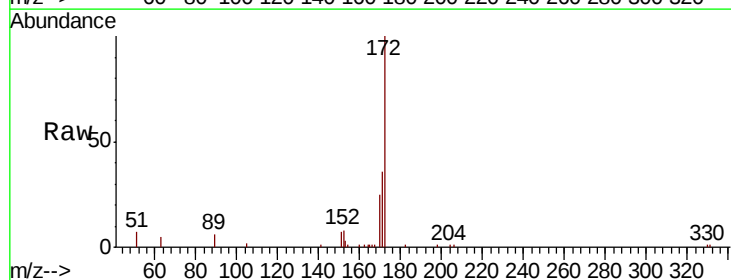


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

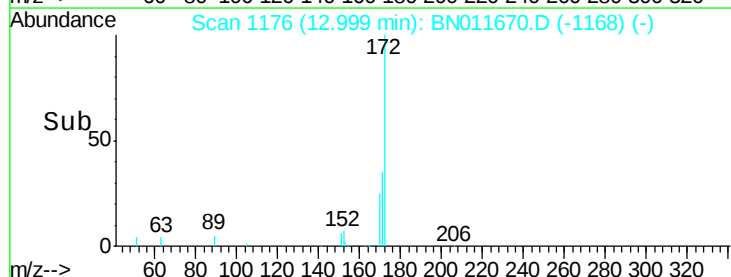
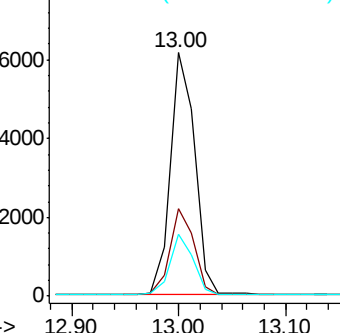


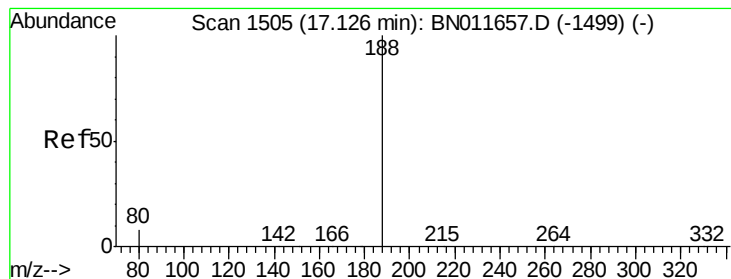
#15
 2-Fluorobiphenyl
 Concen: 0.467 ng
 RT: 13.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BN011670.D
 Acq: 27 Aug 2020 18:43

Tgt Ion:172 Resp: 9740
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 25.2 20.1 30.1



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: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

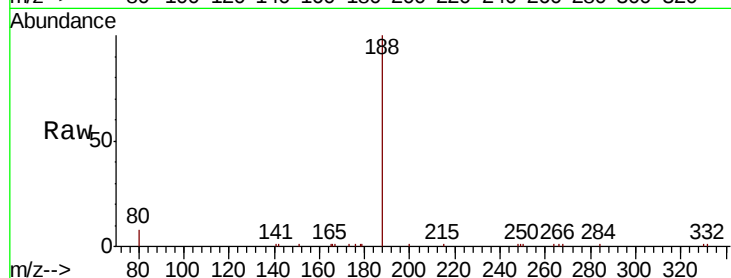
Tot Ion:188 Resp: 11289

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.6 9.8



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

10000

8000

6000

4000

2000

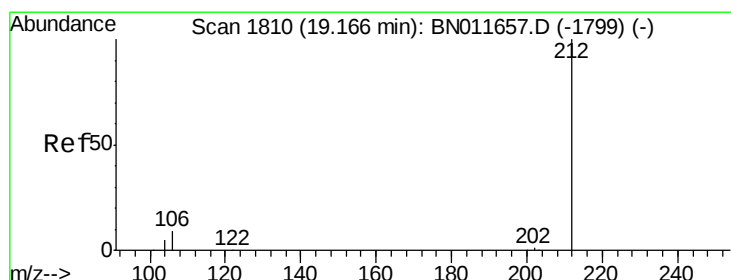
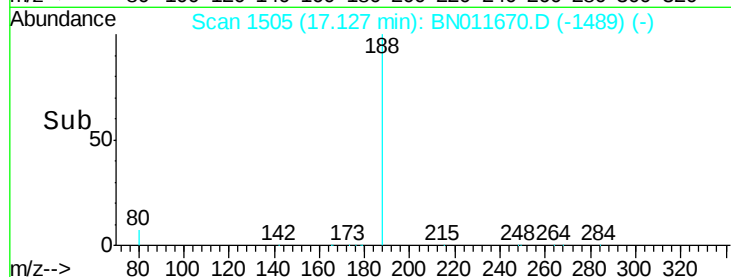
0

17.00

17.10

17.20

Time-->



#27

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.16 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

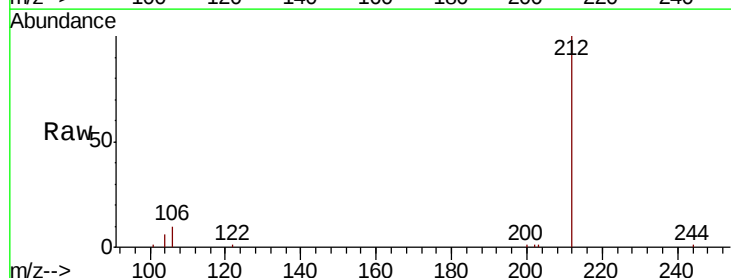
Tgt Ion:212 Resp: 12011

Ion Ratio Lower Upper

212 100

106 9.4 7.6 11.4

104 5.6 4.6 6.8



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

12000

10000

8000

6000

4000

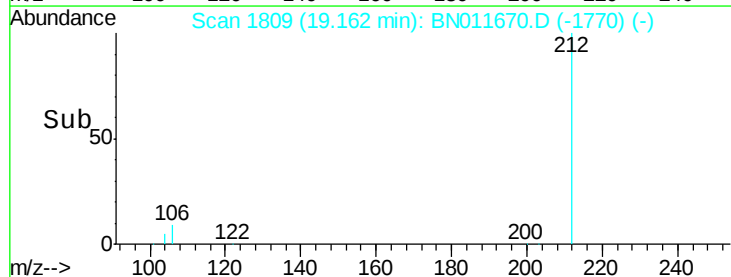
2000

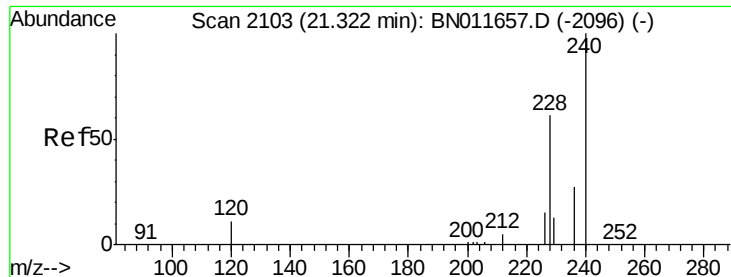
0

19.10

19.20

Time-->





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

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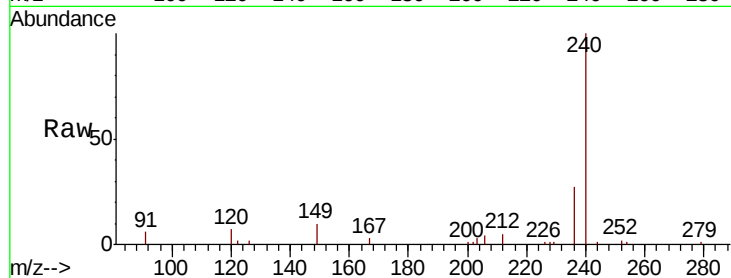
Tot Ion:240 Resp: 12117

Ion Ratio Lower Upper

240 100

120 7.2 9.9 14.9#

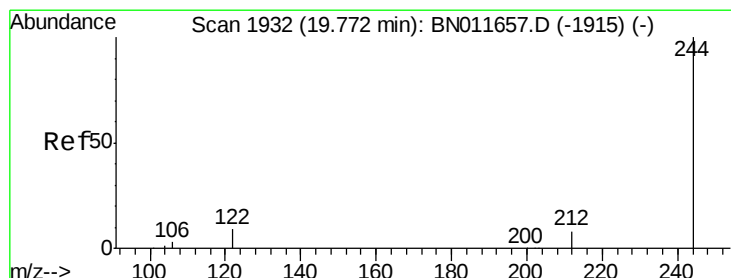
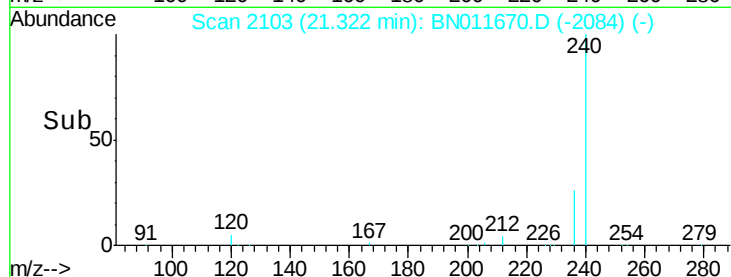
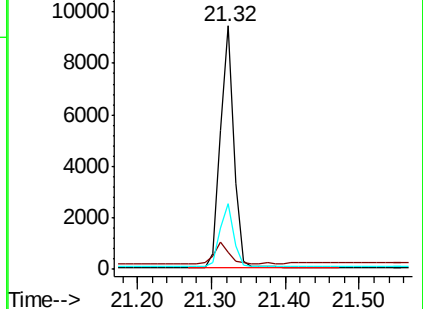
236 26.8 22.2 33.4



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



#31

Terphenyl-d14

Concen: 0.673 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

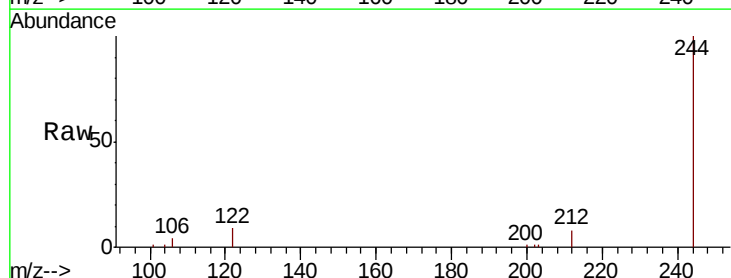
Tgt Ion:244 Resp: 20231

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

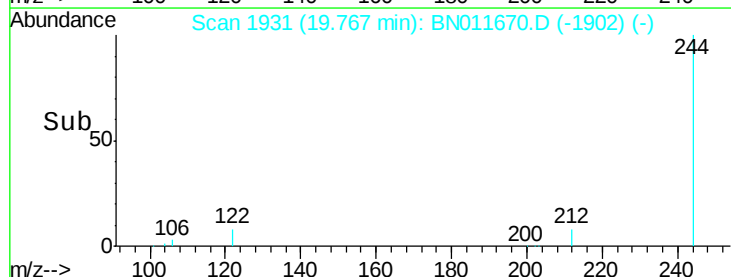
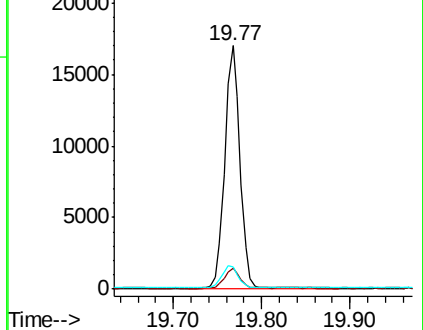
122 9.1 7.4 11.2

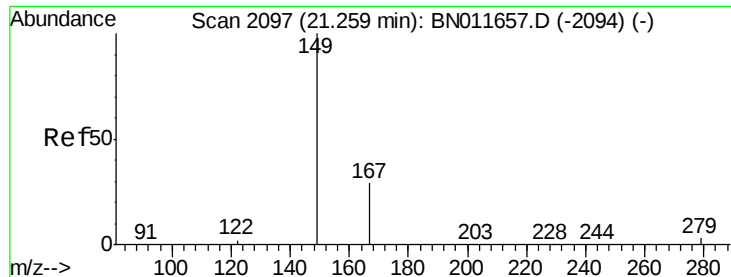


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

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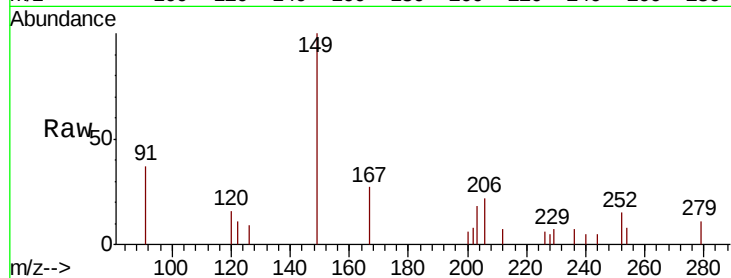
Tot Ion:149 Resp: 804

Ion Ratio Lower Upper

149 100

167 29.5 23.2 34.8

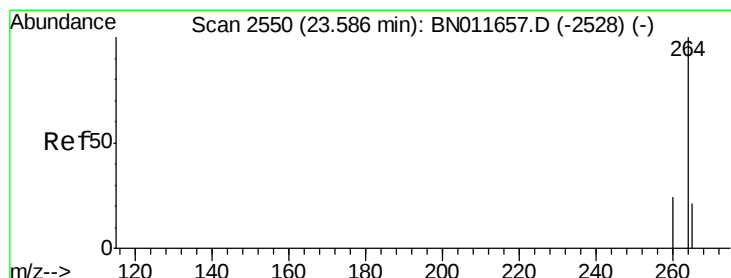
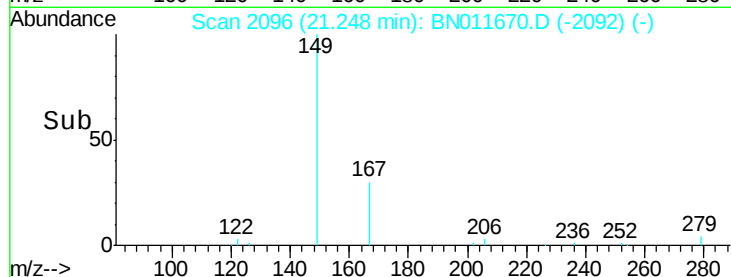
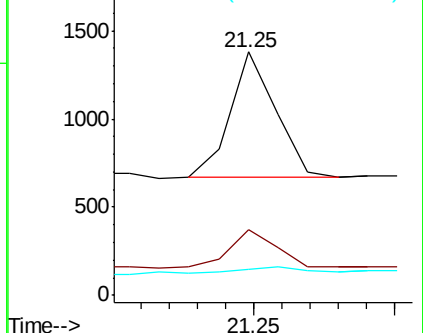
279 6.6 4.0 6.0#



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BN011670.D

Acq: 27 Aug 2020 18:43

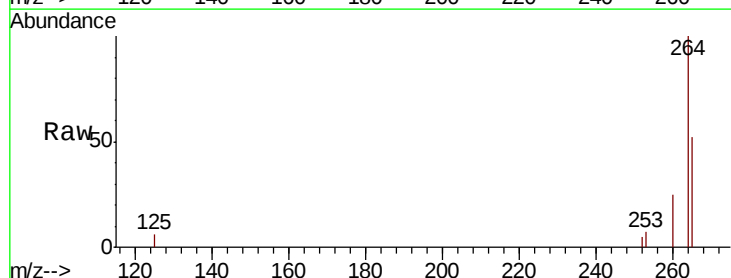
Tgt Ion:264 Resp: 13326

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

265 52.2 38.9 58.3



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

