

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 05:07:59 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

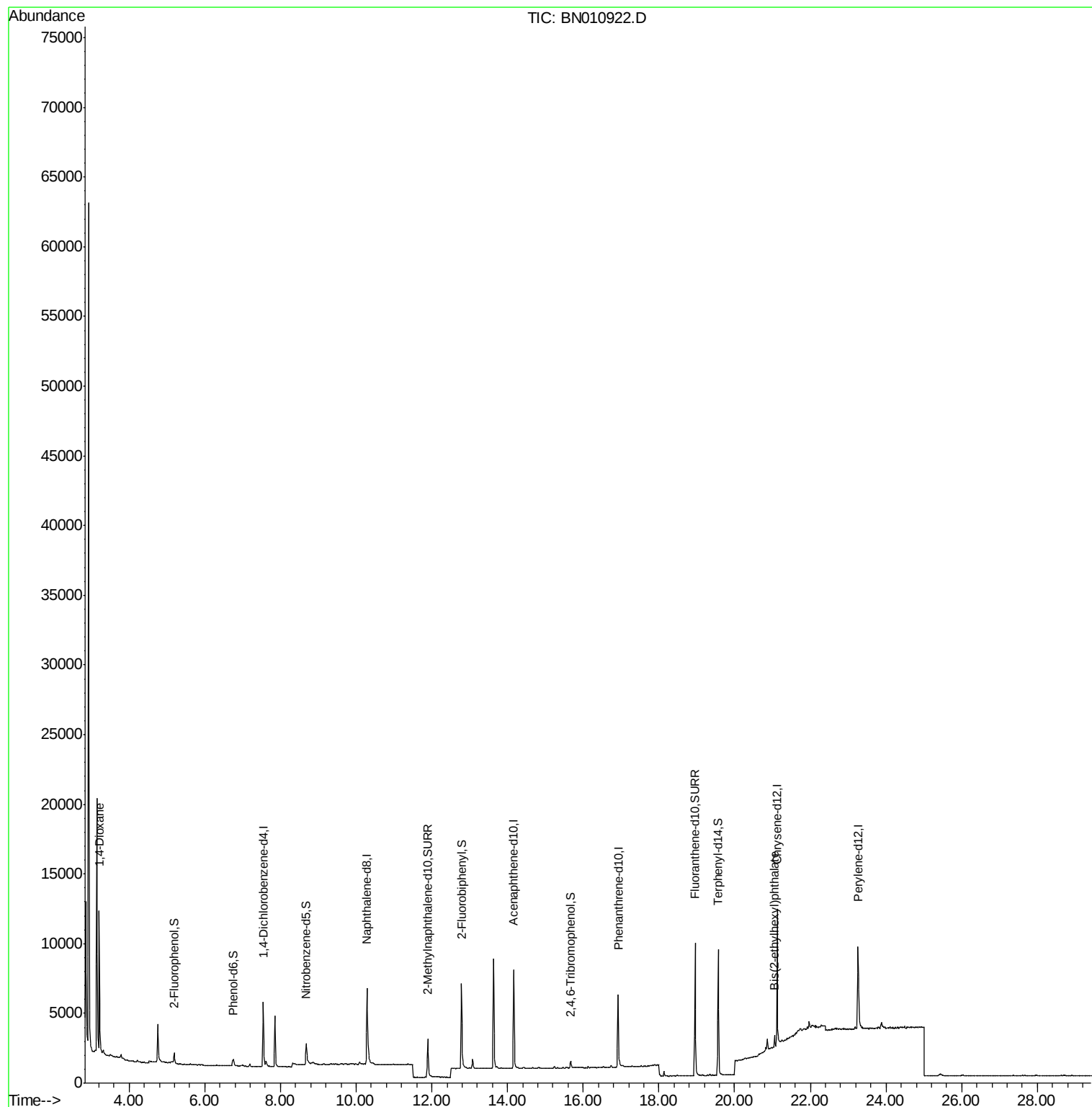
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2490	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8991	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4589	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	9432	0.40	ng	0.00
27) Chrysene-d12	21.12	240	10232	0.40	ng	-0.01
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						
2) 1,4-Dioxane	3.21	88	7909	3.243	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	765	0.076	ng	93

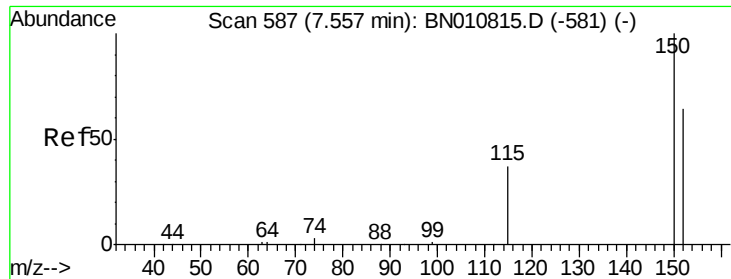
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

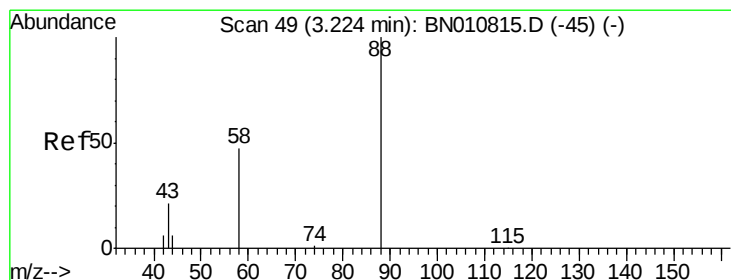
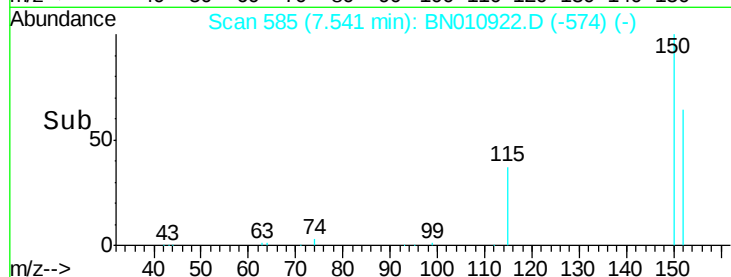
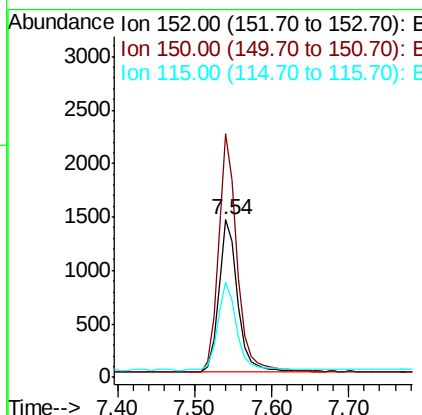
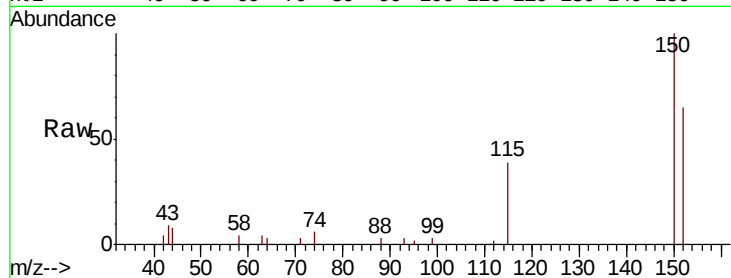




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.54 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BN010922.D
 Acq: 17 Jun 2020 01:31

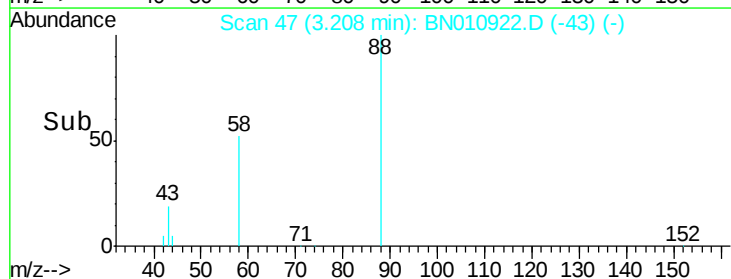
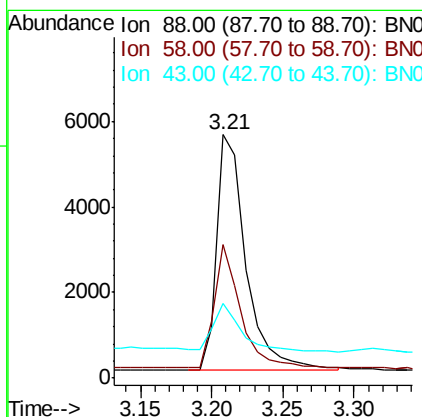
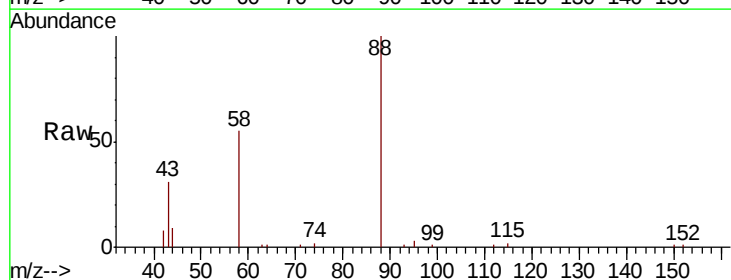
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20200611

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



#2
 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





#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

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

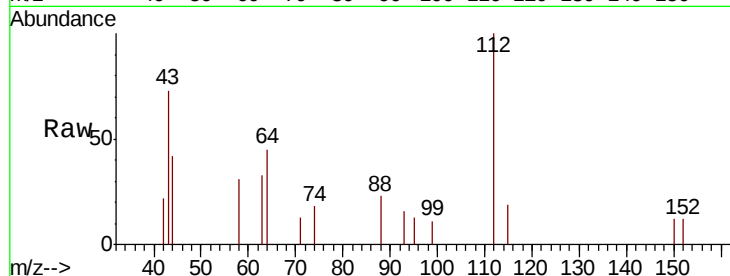
Tot Ion:112 Resp: 728

Ion Ratio Lower Upper

112 100

64 43.5 37.4 56.0

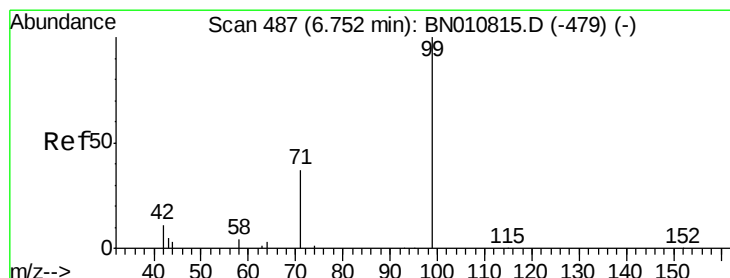
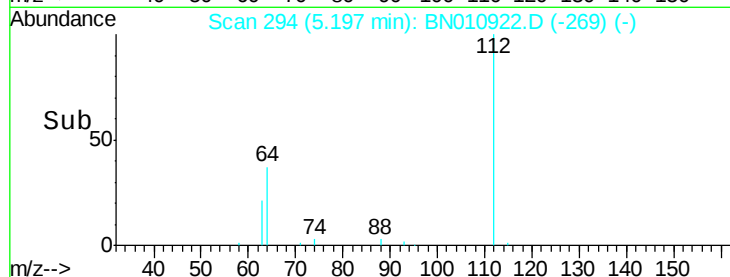
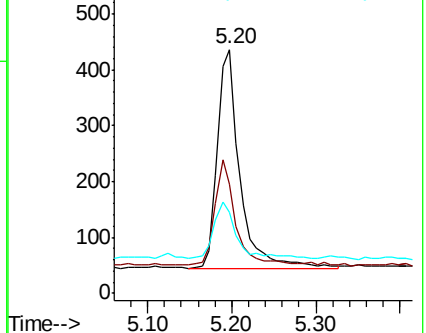
63 26.9 22.2 33.4



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

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

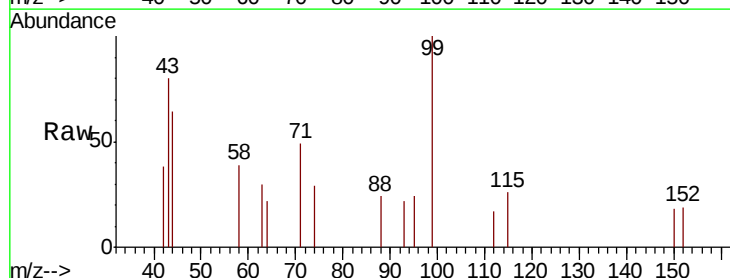
Tgt Ion: 99 Resp: 463

Ion Ratio Lower Upper

99 100

42 20.3 11.1 16.7#

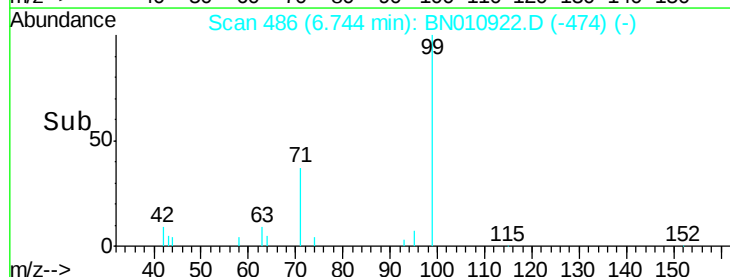
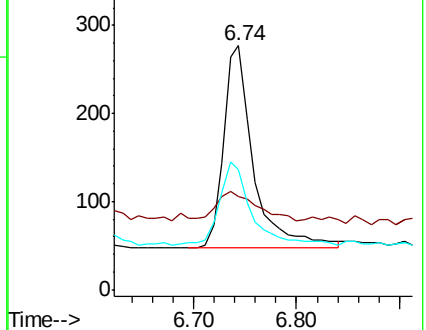
71 44.5 31.4 47.2

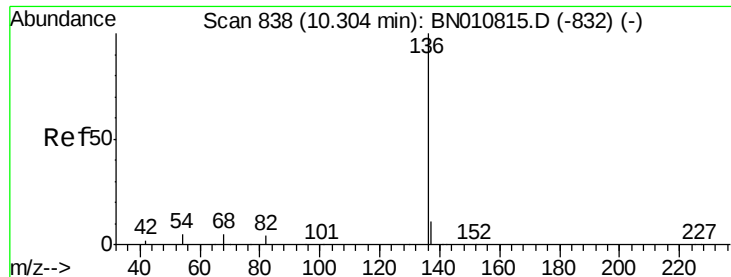


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

Tot Ion:136 Resp: 8991

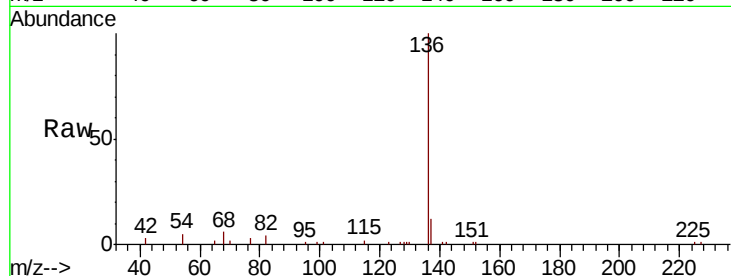
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 5.3 4.9 7.3

68 5.9 4.7 7.1

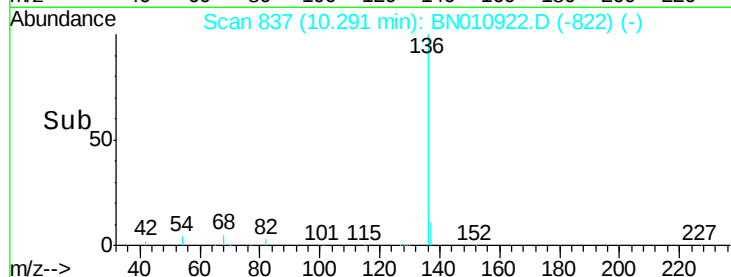


Abundance Ion 136.00 (135.70 to 136.70): E

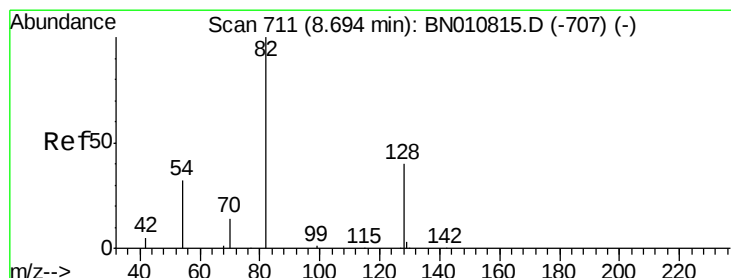
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

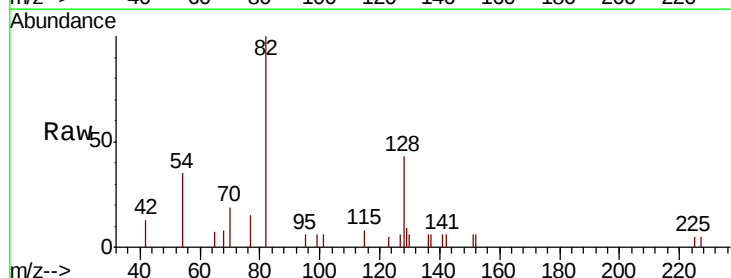
Tgt Ion: 82 Resp: 2090

Ion Ratio Lower Upper

82 100

128 42.6 35.4 53.0

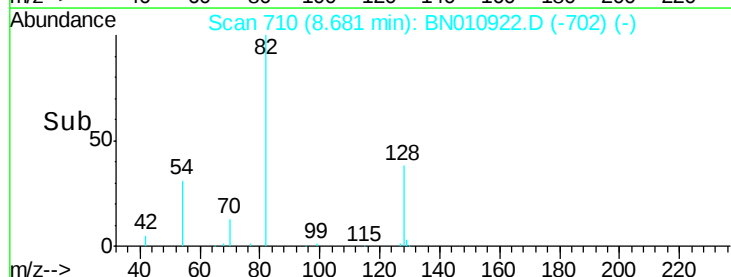
54 35.4 28.2 42.4



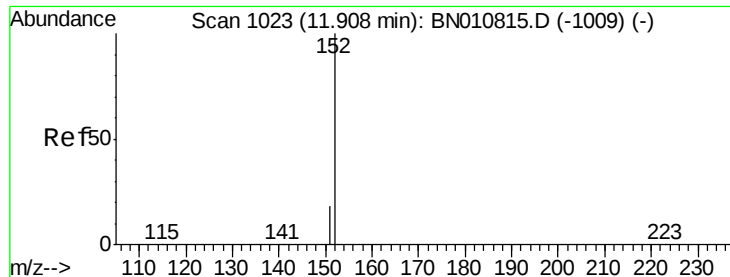
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



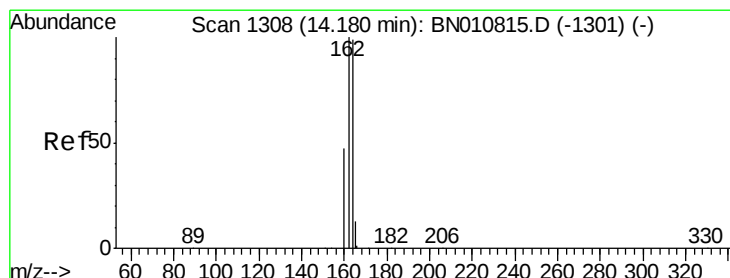
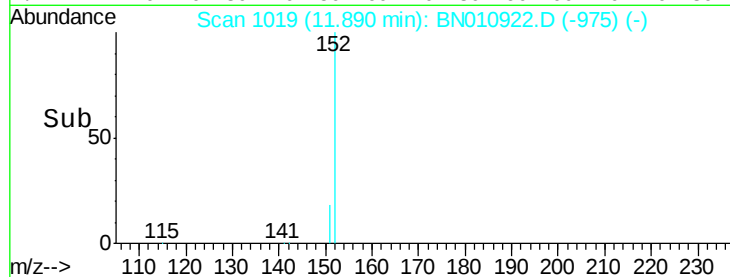
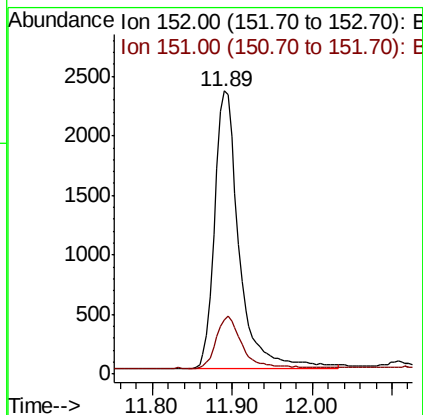
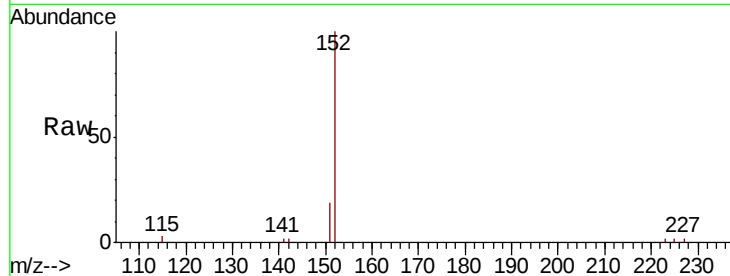
Time-->



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

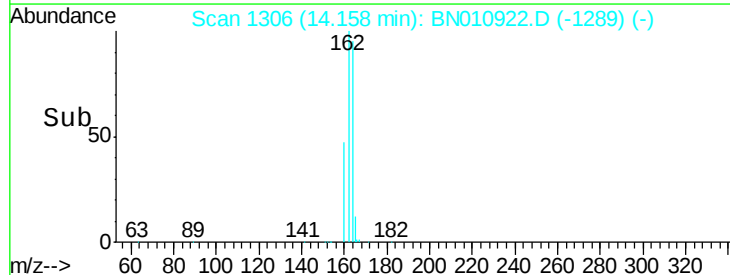
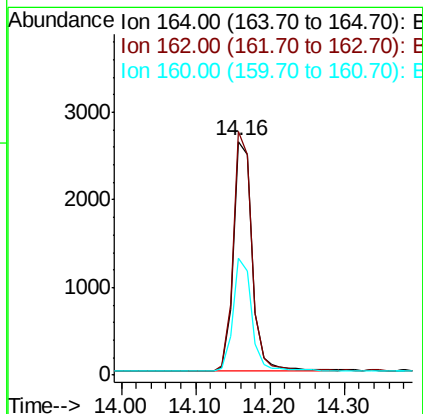
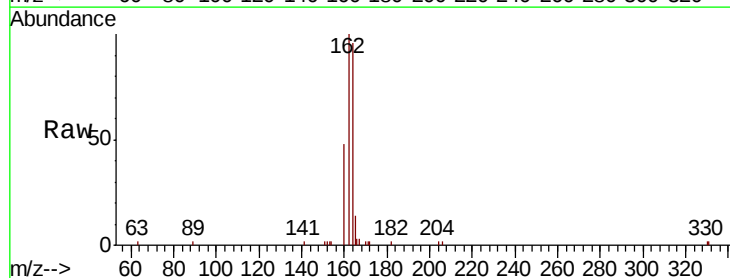
Instrument :
BNA_N
ClientSampleId :
RE126D1-20200611

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



#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

Tgt Ion:164 Resp: 4589
Ion Ratio Lower Upper
164 100
162 104.3 81.0 121.6
160 50.2 38.9 58.3

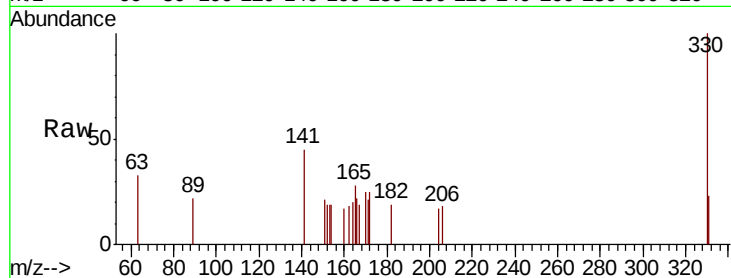




#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010922.D
Acq: 17 Jun 2020 01:31

Instrument :
BNA_N
ClientSampleId :
RE126D1-20200611

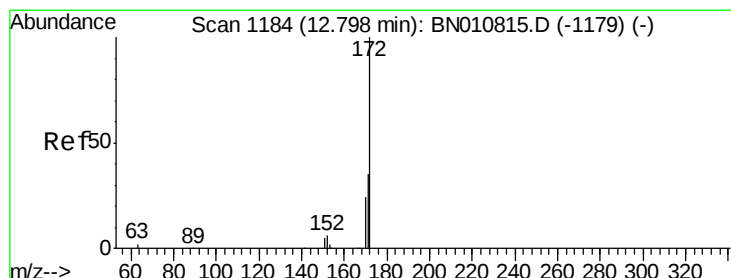
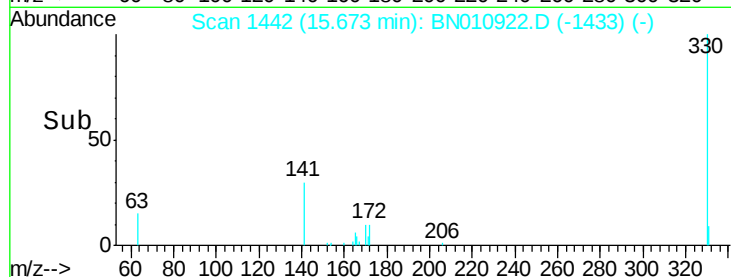
Tot Ion:330 Resp: 475
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 33.2 49.8



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

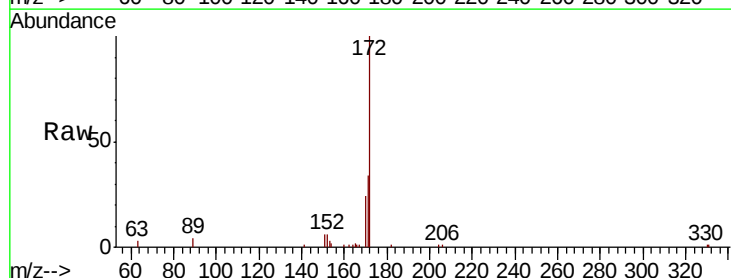
15.67

Time-->



#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

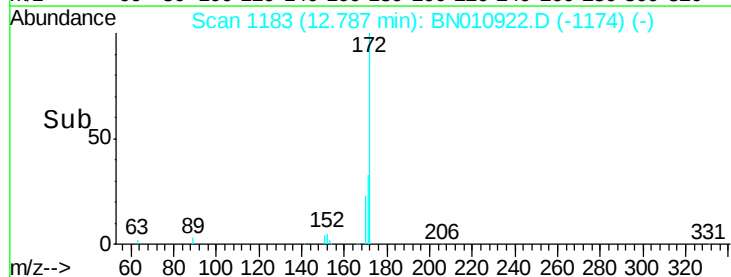
Tgt Ion:172 Resp: 6512
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.8 19.7 29.5

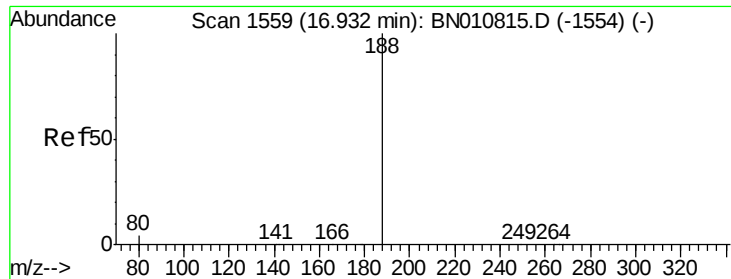


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

12.79

Time-->





#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

Instrument :

BNA_N

ClientSampleId :

RE126D1-20200611

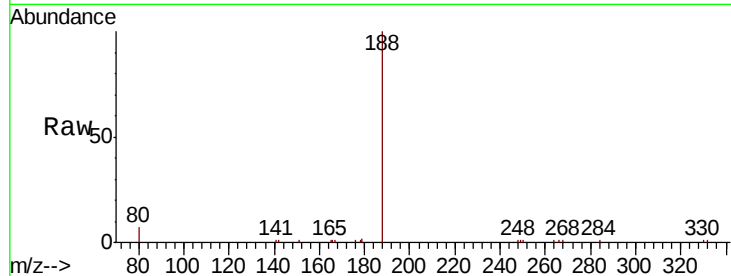
Tot Ion:188 Resp: 9432

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

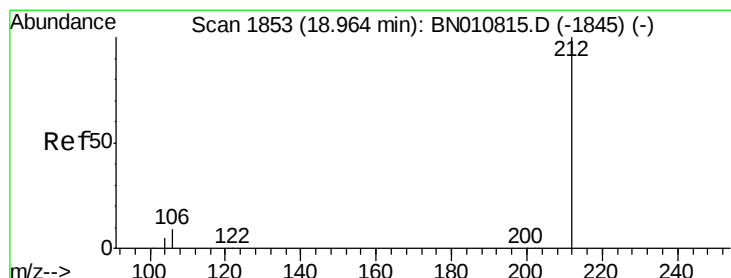
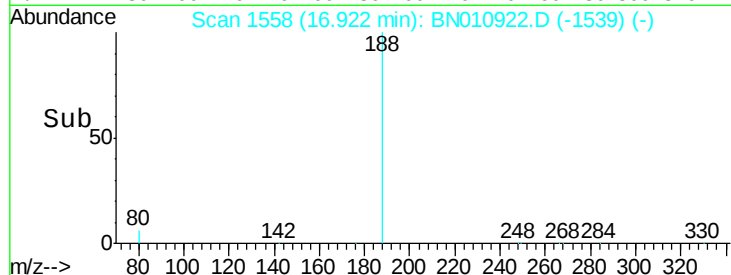
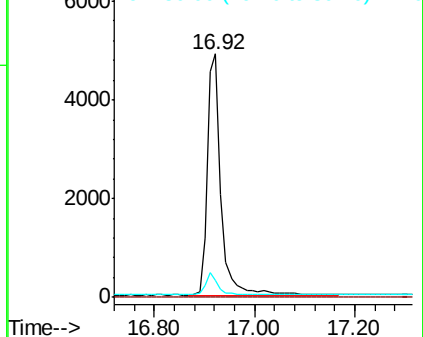
80 6.9 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#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

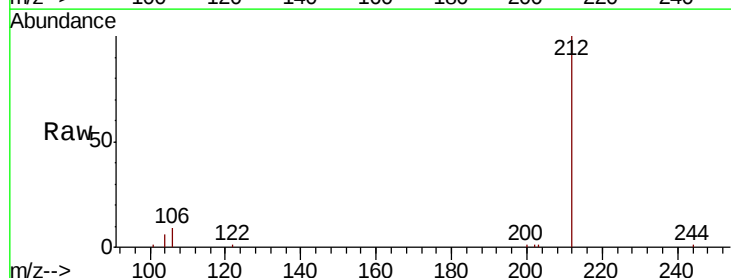
Tgt Ion:212 Resp: 12394

Ion Ratio Lower Upper

212 100

106 9.3 6.6 10.0

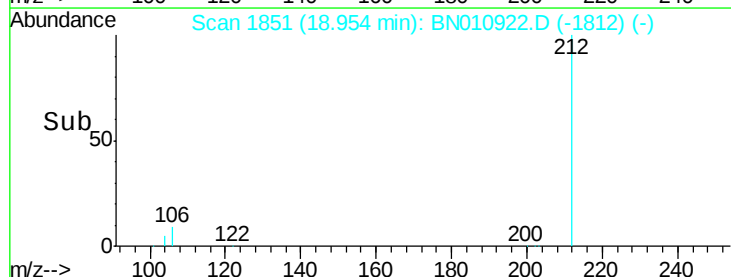
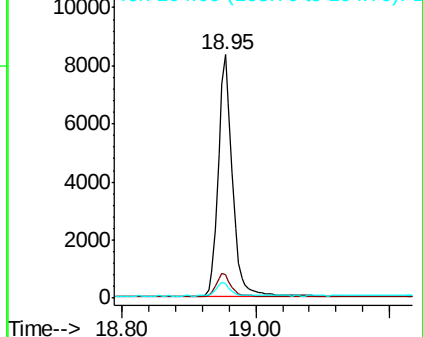
104 5.3 4.0 6.0



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: BN010922.D

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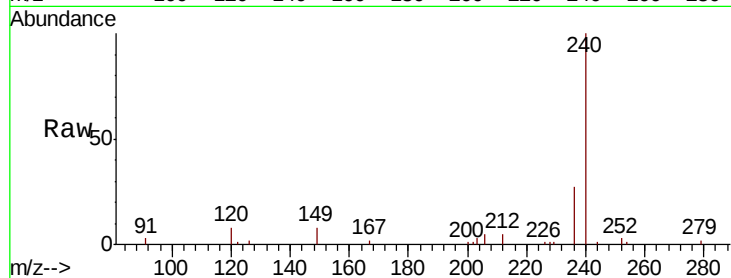
Tot Ion:240 Resp: 10232

Ion Ratio Lower Upper

240 100

120 7.8 7.5 11.3

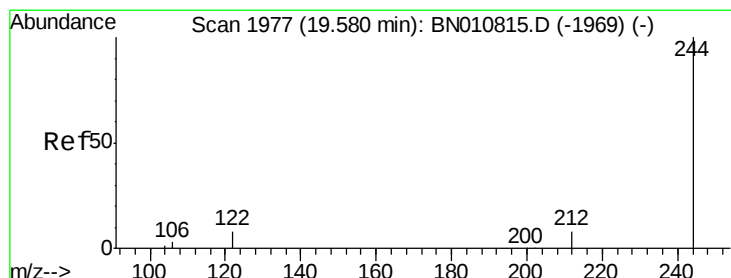
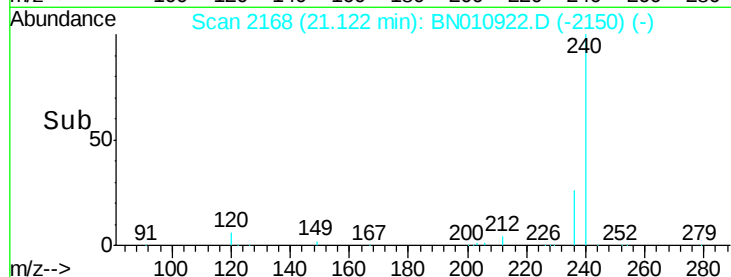
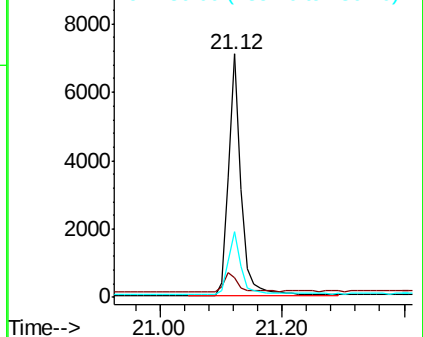
236 27.0 22.3 33.5



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: 0.404 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010922.D

Acq: 17 Jun 2020 01:31

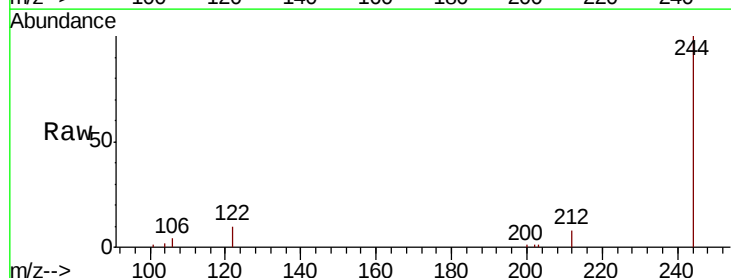
Tgt Ion:244 Resp: 9681

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

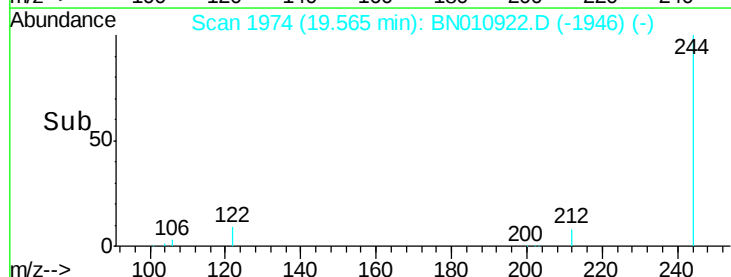
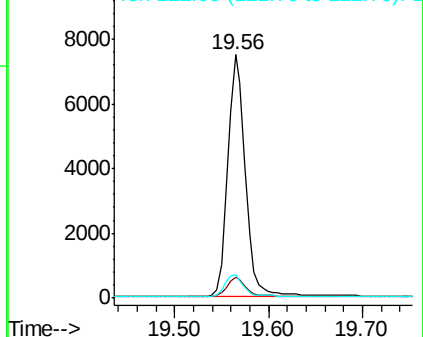
122 9.5 7.5 11.3

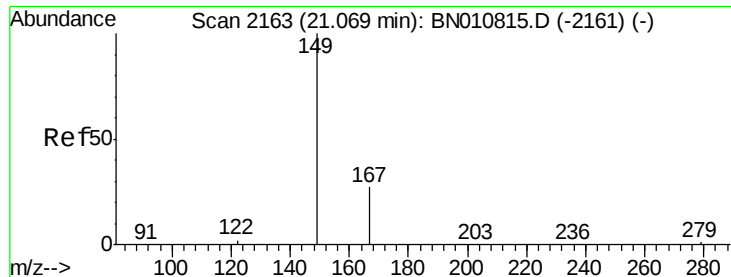


Abundance Ion 244.00 (243.70 to 244.70): E

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

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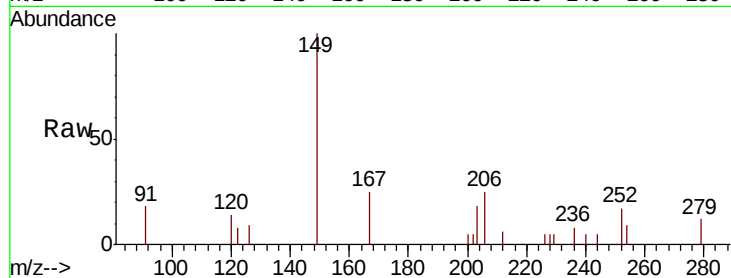
Tot Ion:149 Resp: 765

Ion Ratio Lower Upper

149 100

167 25.9 24.1 36.1

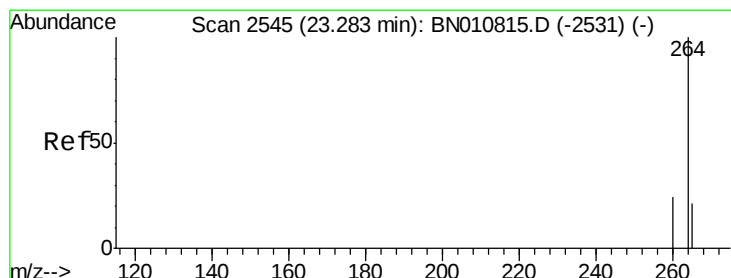
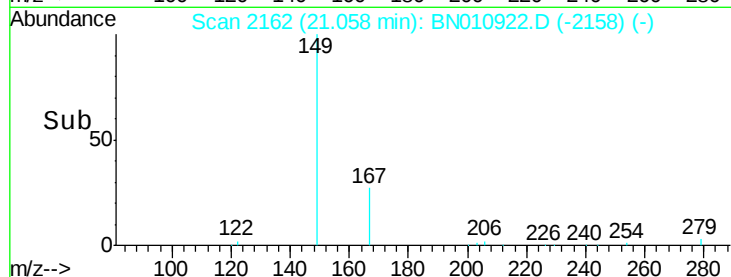
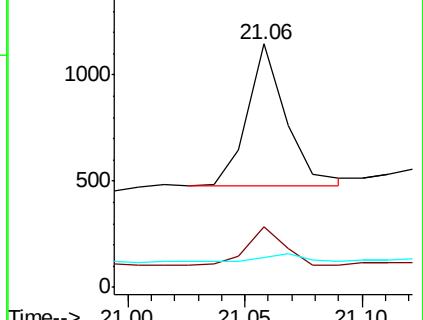
279 5.5 4.6 7.0



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

Perylene-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

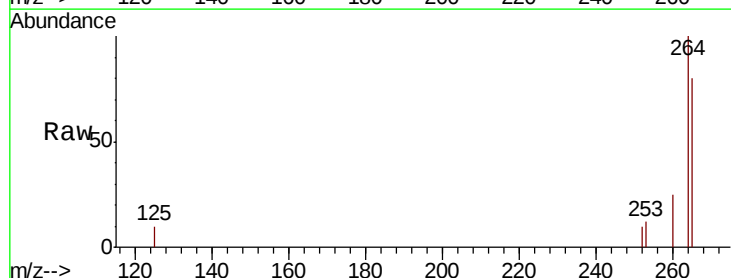
Tgt Ion:264 Resp: 8944

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 79.8 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

