

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043020\
 Data File : BN010676.D
 Acq On : 30 Apr 2020 16:14
 Operator : CG/JU
 Sample : L2445-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B-1511-T

Quant Time: May 05 06:08:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

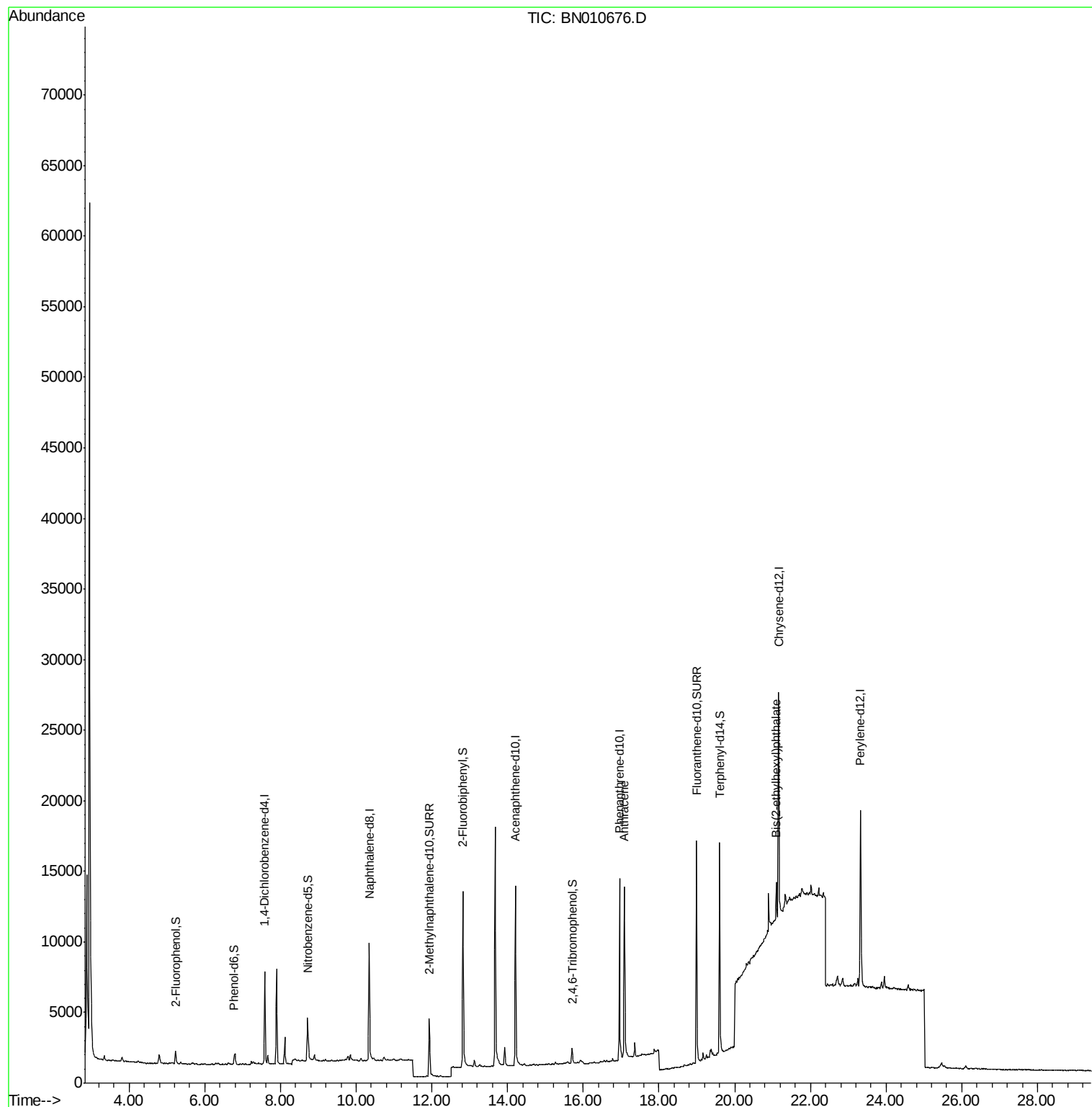
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3344	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13275	0.40	ng	0.01
13) Acenaphthene-d10	14.20	164	8200	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	18376	0.40	ng	0.00
27) Chrysene-d12	21.16	240	17756	0.40	ng	0.00
34) Perylene-d12	23.32	264	16650	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	970	0.13	ng	0.00
5) Phenol-d6	6.78	99	685	0.07	ng	0.00
8) Nitrobenzene-d5	8.72	82	3069	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	6438	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1015	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	12142	0.41	ng	0.00
25) Fluoranthene-d10	18.99	212	19100	0.34	ng	0.00
29) Terphenyl-d14	19.60	244	16294	0.40	ng	0.00
Target Compounds						
24) Anthracene	17.08	178	15758	0.347	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	2144	0.072	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

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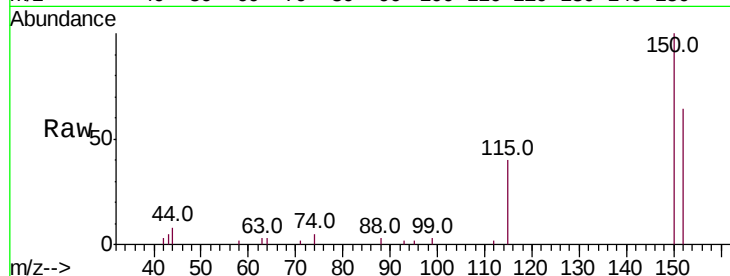
Tot Ion:152 Resp: 3344

Ion Ratio Lower Upper

152 100

150 156.4 121.8 182.6

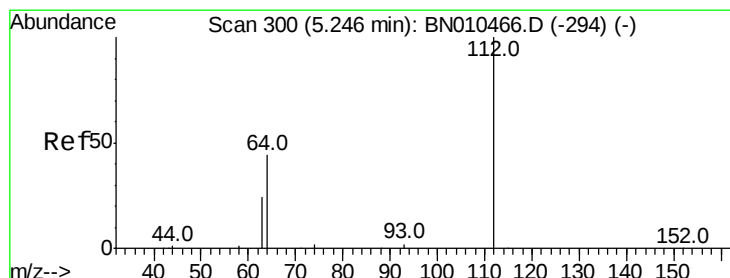
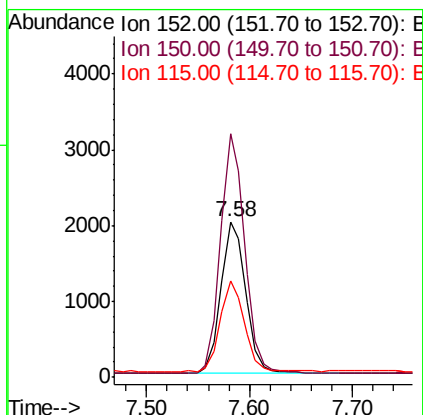
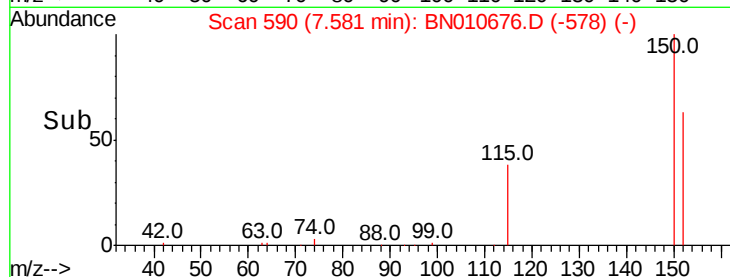
115 61.9 45.5 68.3



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



#4

2-Fluorophenol

Concen: 0.132 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

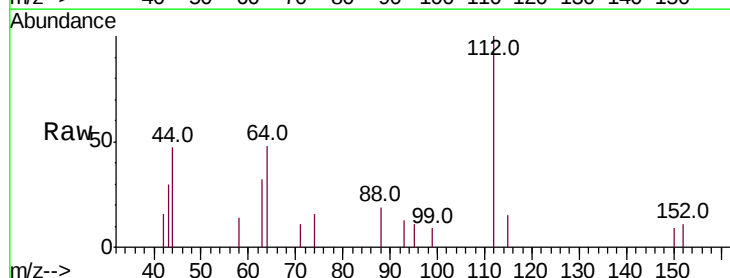
Tgt Ion:112 Resp: 970

Ion Ratio Lower Upper

112 100

64 47.6 35.8 53.8

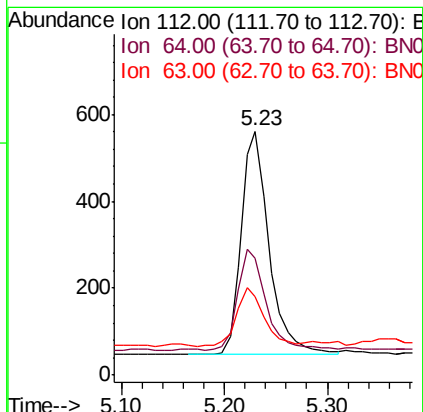
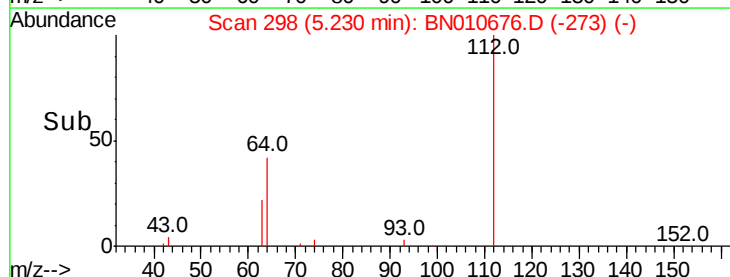
63 25.9 19.9 29.9

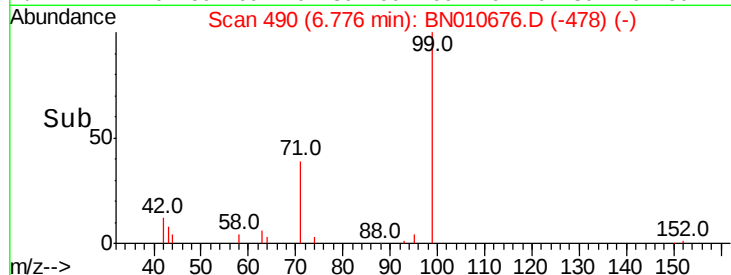
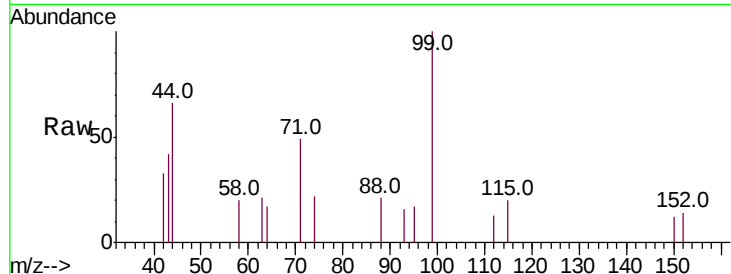
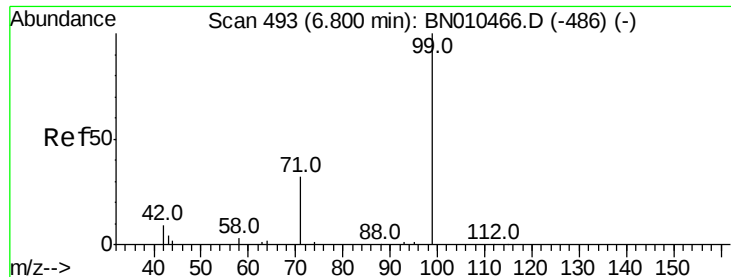


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.072 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Instrument :

BNA_N

ClientSampleId :

B-1511-T

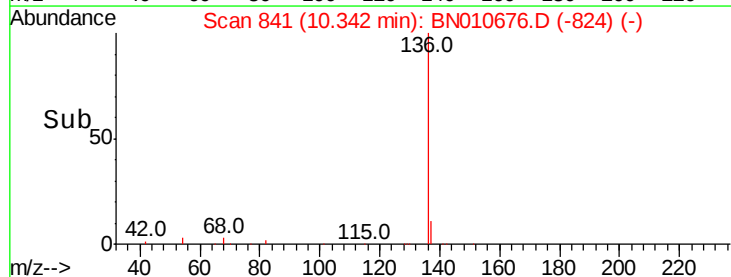
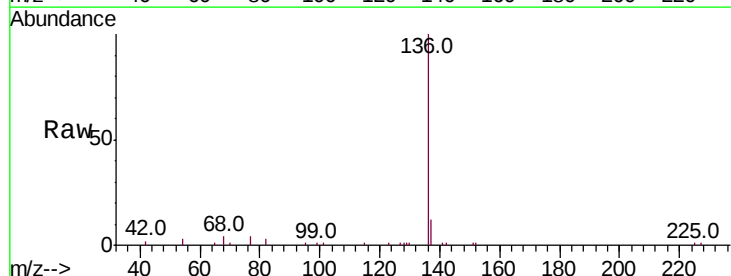
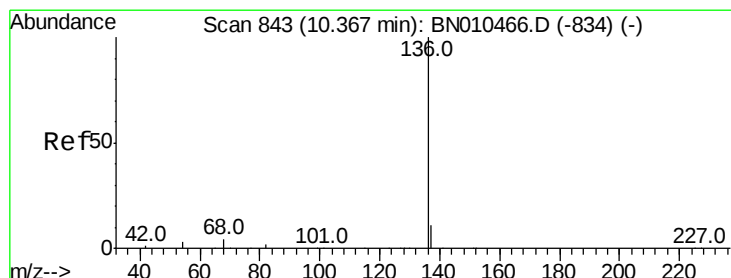
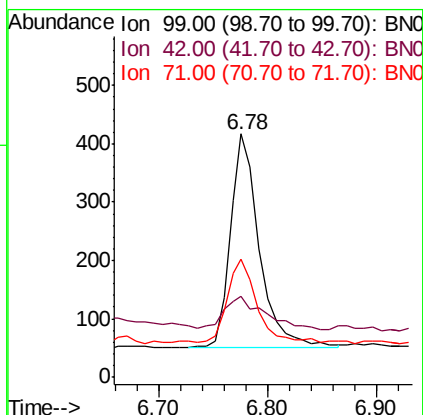
Tot Ion: 99 Resp: 685

Ion Ratio Lower Upper

99 100

42 21.6 9.8 14.6#

71 39.0 27.8 41.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Tgt Ion: 136 Resp: 13275

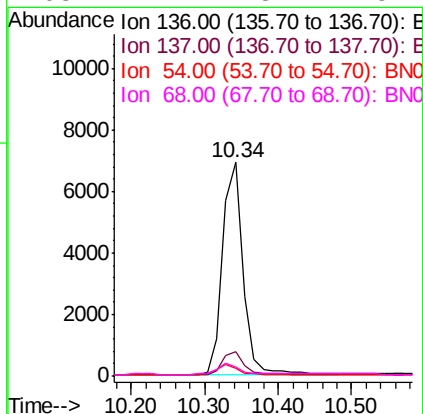
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.4 2.6 4.0

68 4.1 3.4 5.2





#8

Nitrobenzene-d5

Concen: 0.331 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Instrument :

BNA_N

ClientSampleId :

B-1511-T

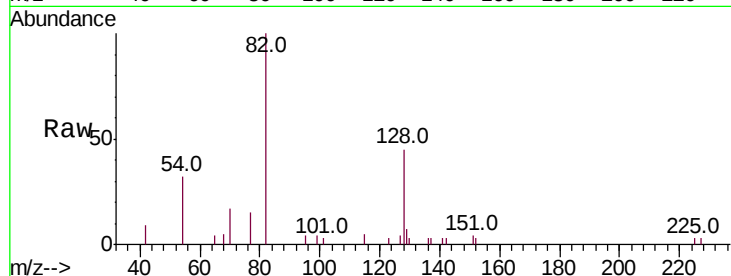
Tot Ion: 82 Resp: 3069

Ion Ratio Lower Upper

82 100

128 44.8 41.3 61.9

54 32.3 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

8.72

1500

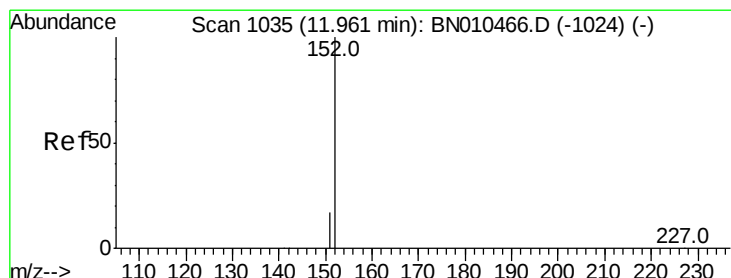
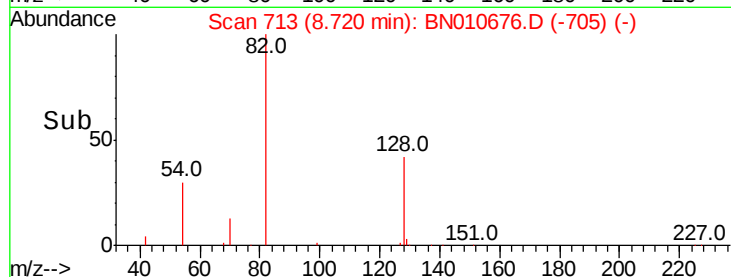
1000

500

0

8.60 8.70 8.80 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.295 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN010676.D

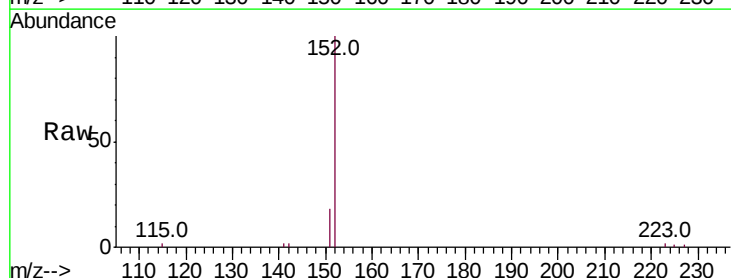
Acq: 30 Apr 2020 16:14

Tgt Ion: 152 Resp: 6438

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)

11.93

4000

3000

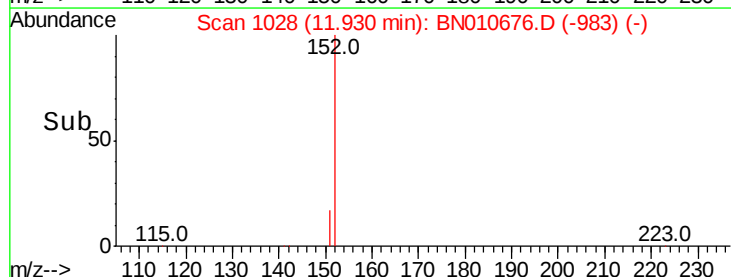
2000

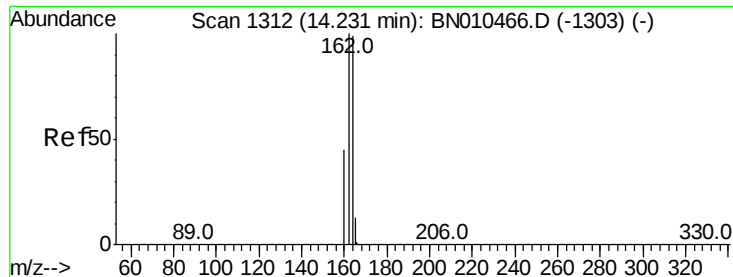
1000

0

11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Instrument :

BNA_N

ClientSampleId :

B-1511-T

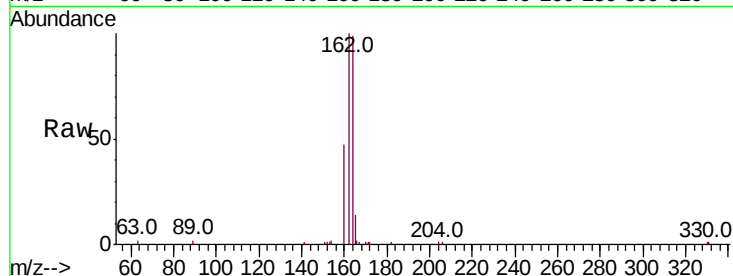
Tot Ion:164 Resp: 8200

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

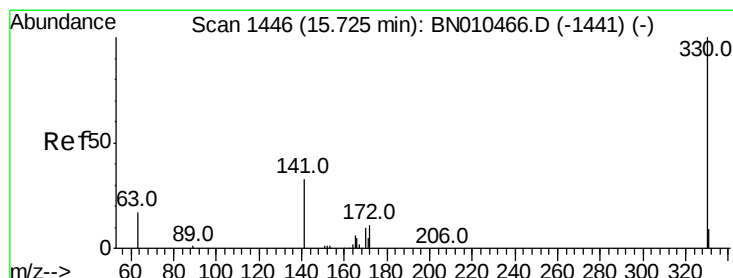
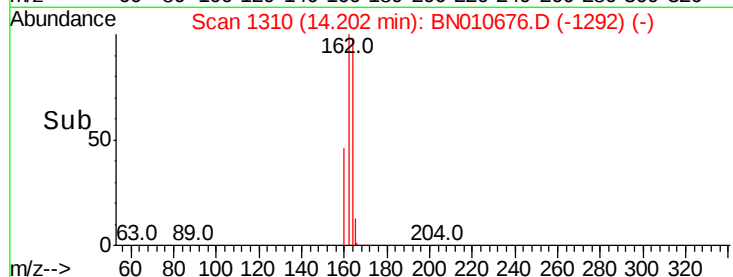
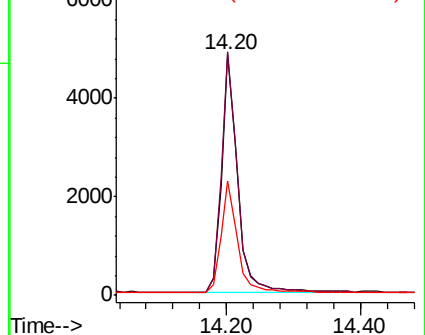
160 47.5 36.5 54.7



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

2,4,6-Tribromophenol

Concen: 0.263 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

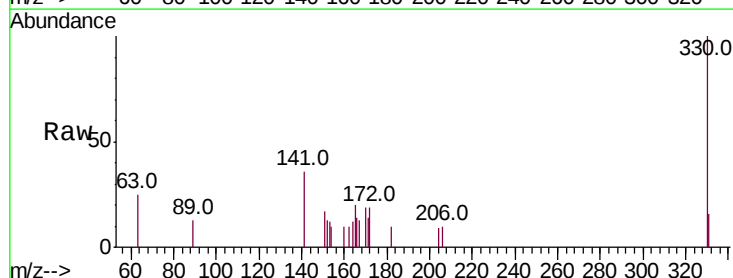
Tgt Ion:330 Resp: 1015

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

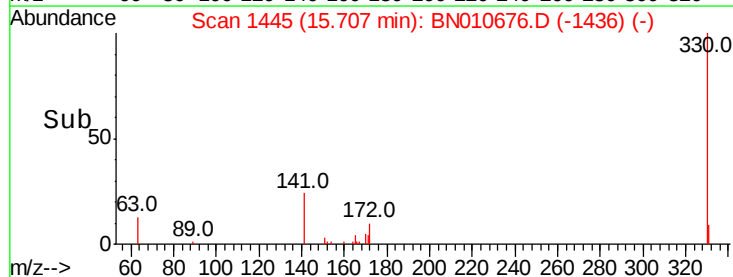
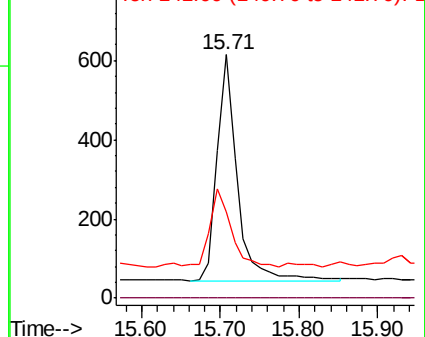
141 35.3 28.1 42.1

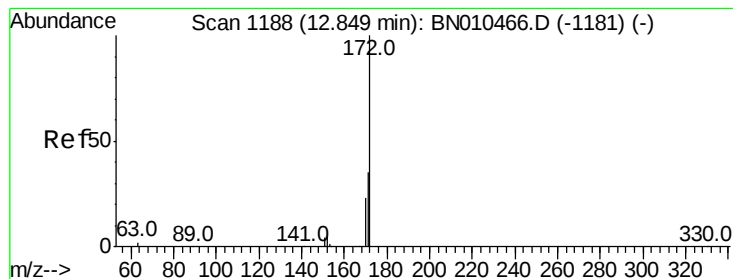


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.407 ng

RT: 12.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Instrument :

BNA_N

ClientSampleId :

B-1511-T

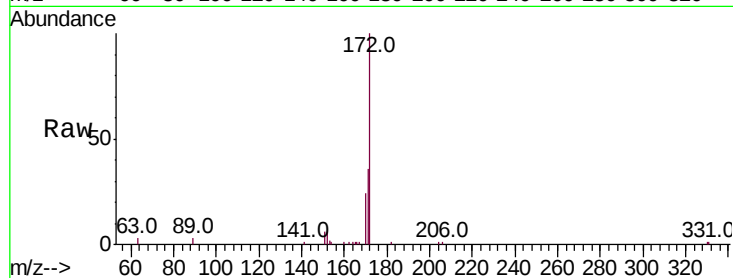
Tot Ion:172 Resp: 12142

Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

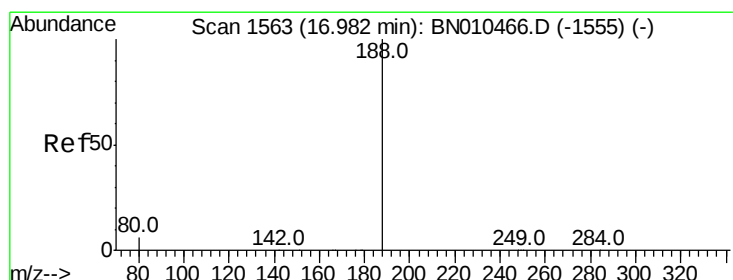
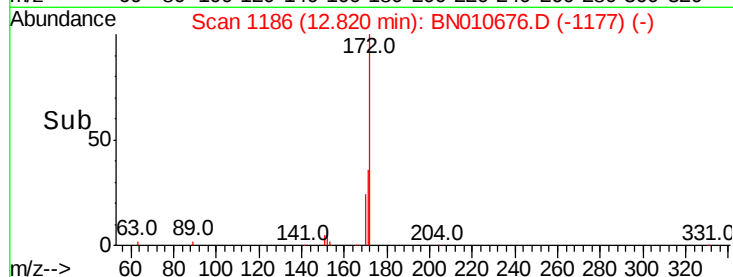
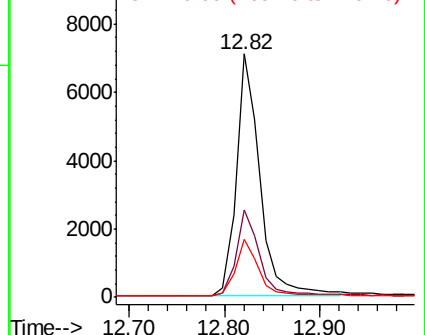
170 24.1 18.4 27.6



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: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

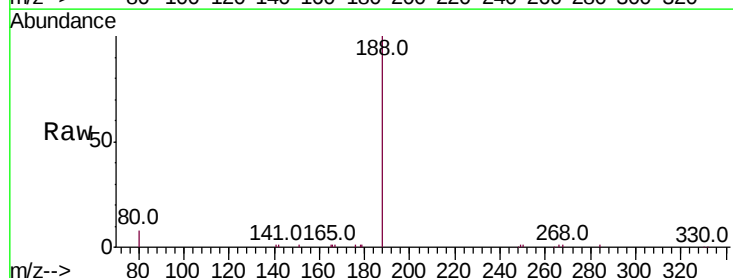
Tgt Ion:188 Resp: 18376

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

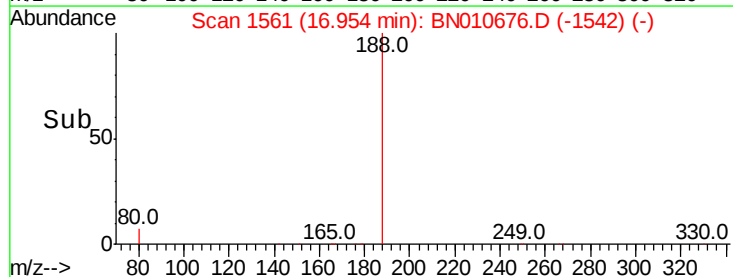
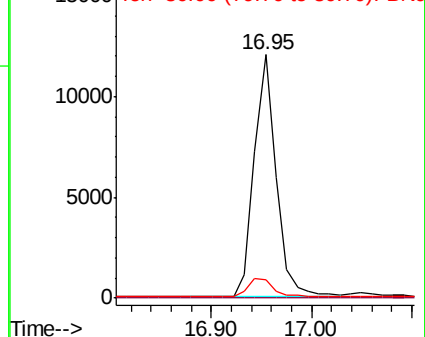
80 7.7 5.0 7.6#

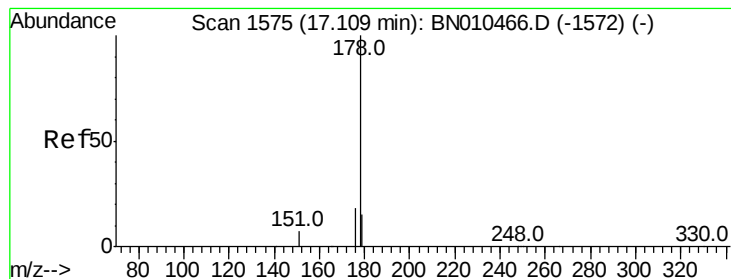


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#24

Anthracene

Concen: 0.347 ng

RT: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Instrument :

BNA_N

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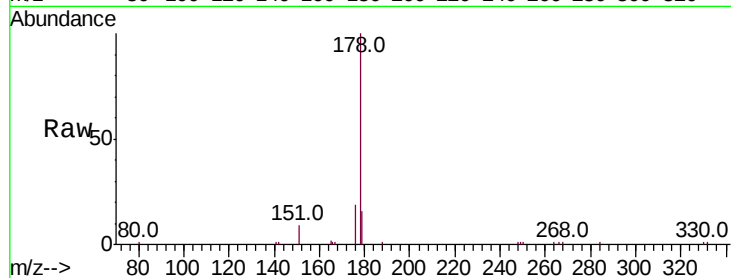
Tot Ion:178 Resp: 15758

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

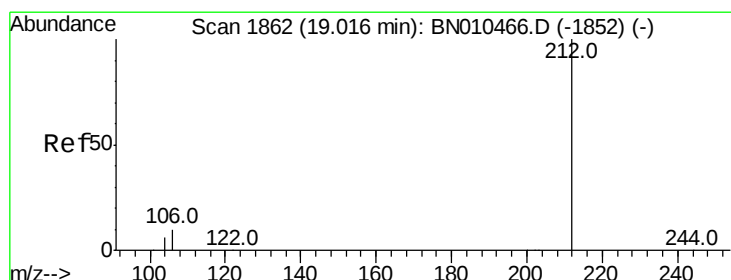
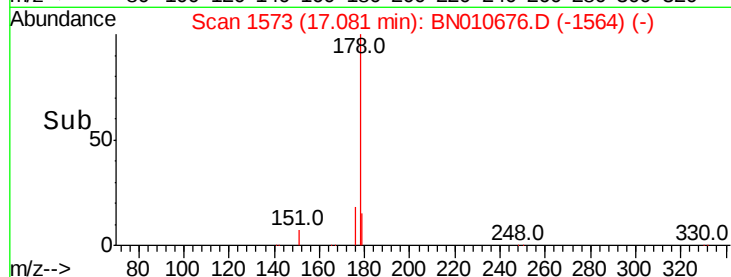
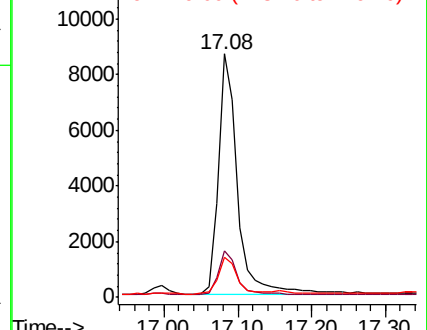
179 14.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

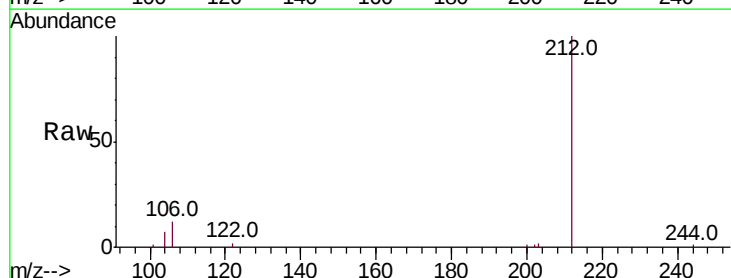
Tgt Ion:212 Resp: 19100

Ion Ratio Lower Upper

212 100

106 10.2 7.8 11.6

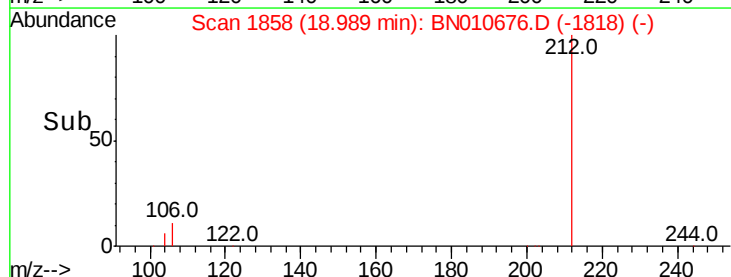
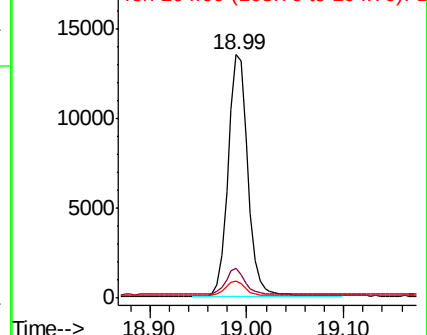
104 5.9 4.5 6.7

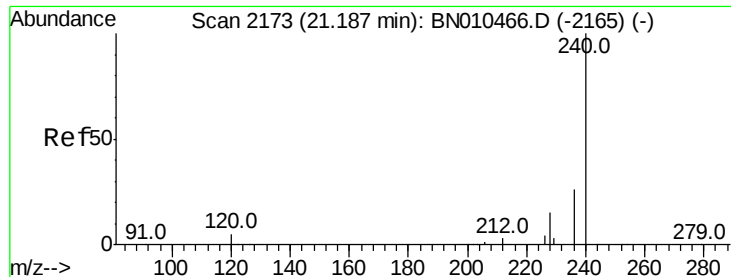


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

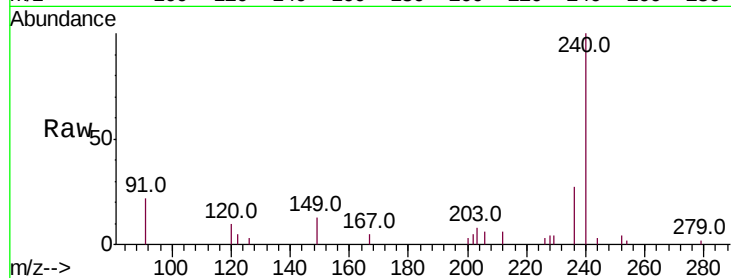




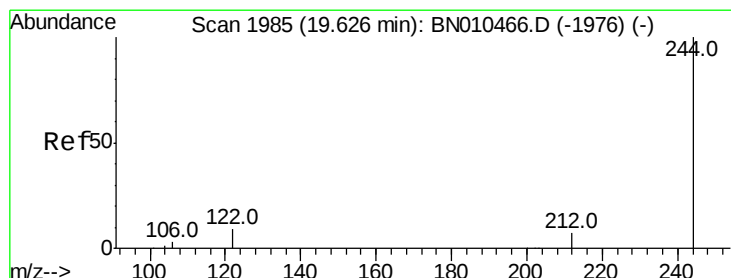
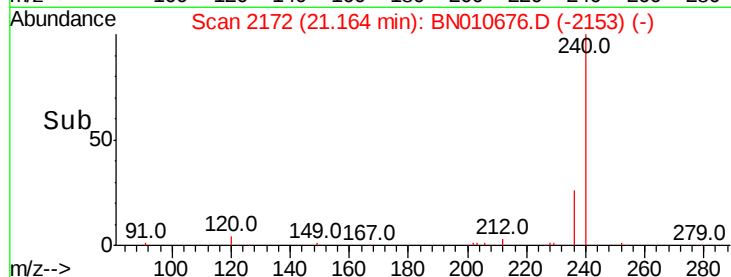
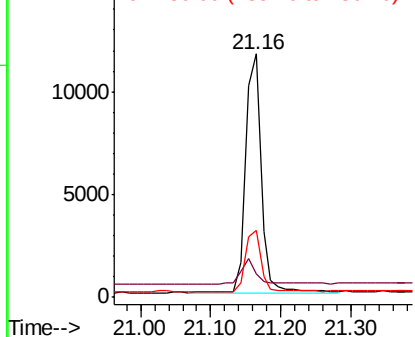
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010676.D
Acq: 30 Apr 2020 16:14

Instrument :
BNA_N
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Tot Ion:240 Resp: 17756
Ion Ratio Lower Upper
240 100
120 9.6 4.8 7.2#
236 27.5 21.4 32.0

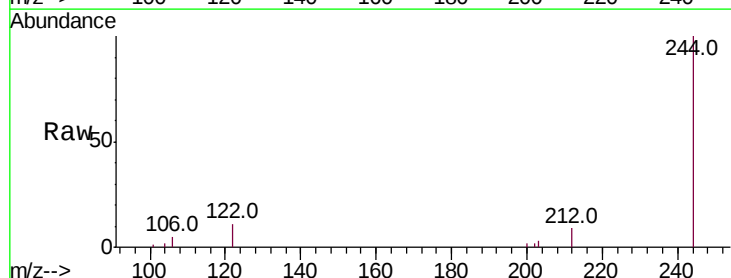


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

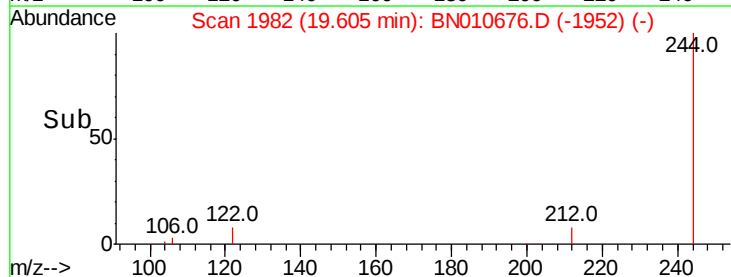
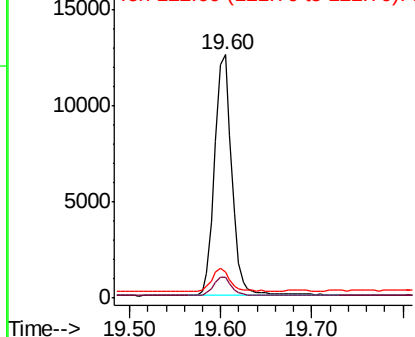


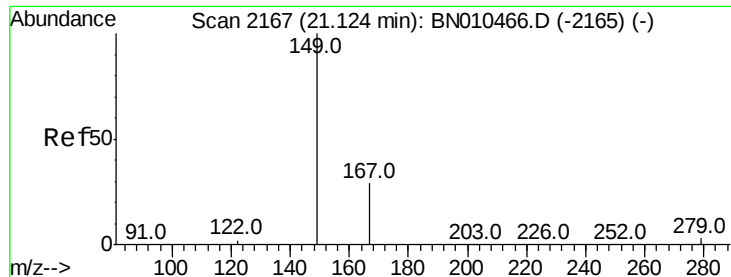
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.60 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BN010676.D
Acq: 30 Apr 2020 16:14

Tgt Ion:244 Resp: 16294
Ion Ratio Lower Upper
244 100
212 8.7 6.2 9.4
122 10.7 7.8 11.8



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: 0.072 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

Instrument :

BNA_N

ClientSampleId :

B-1511-T

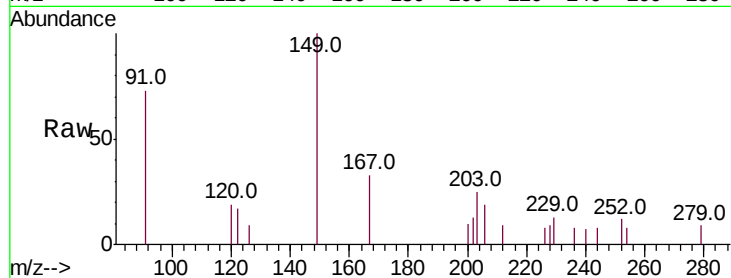
Tot Ion:149 Resp: 2144

Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.0

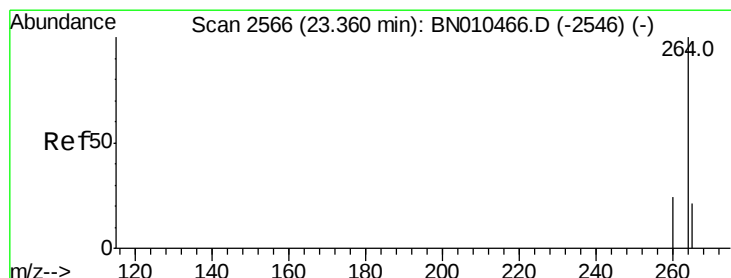
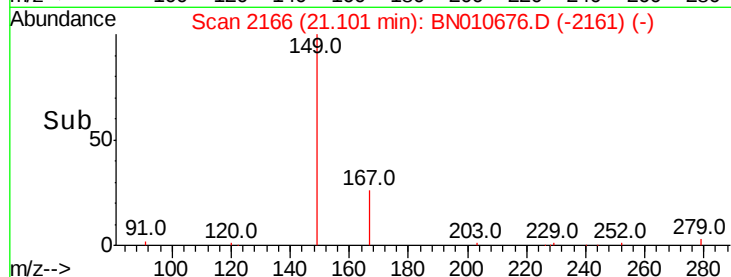
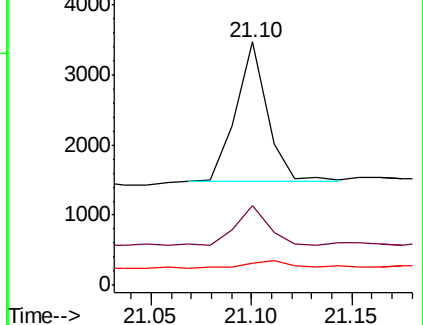
279 6.3 4.0 6.0#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BN010676.D

Acq: 30 Apr 2020 16:14

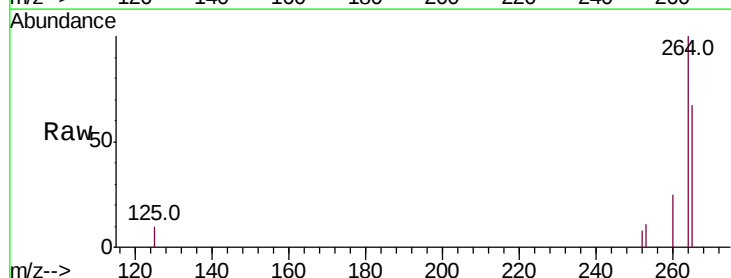
Tgt Ion:264 Resp: 16650

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.8

265 66.6 42.3 63.5#



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

