

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010185.D
 Acq On : 11 Mar 2020 10:32
 Operator : CG/JU
 Sample : L1842-29
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20200306

Quant Time: Mar 11 13:26:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

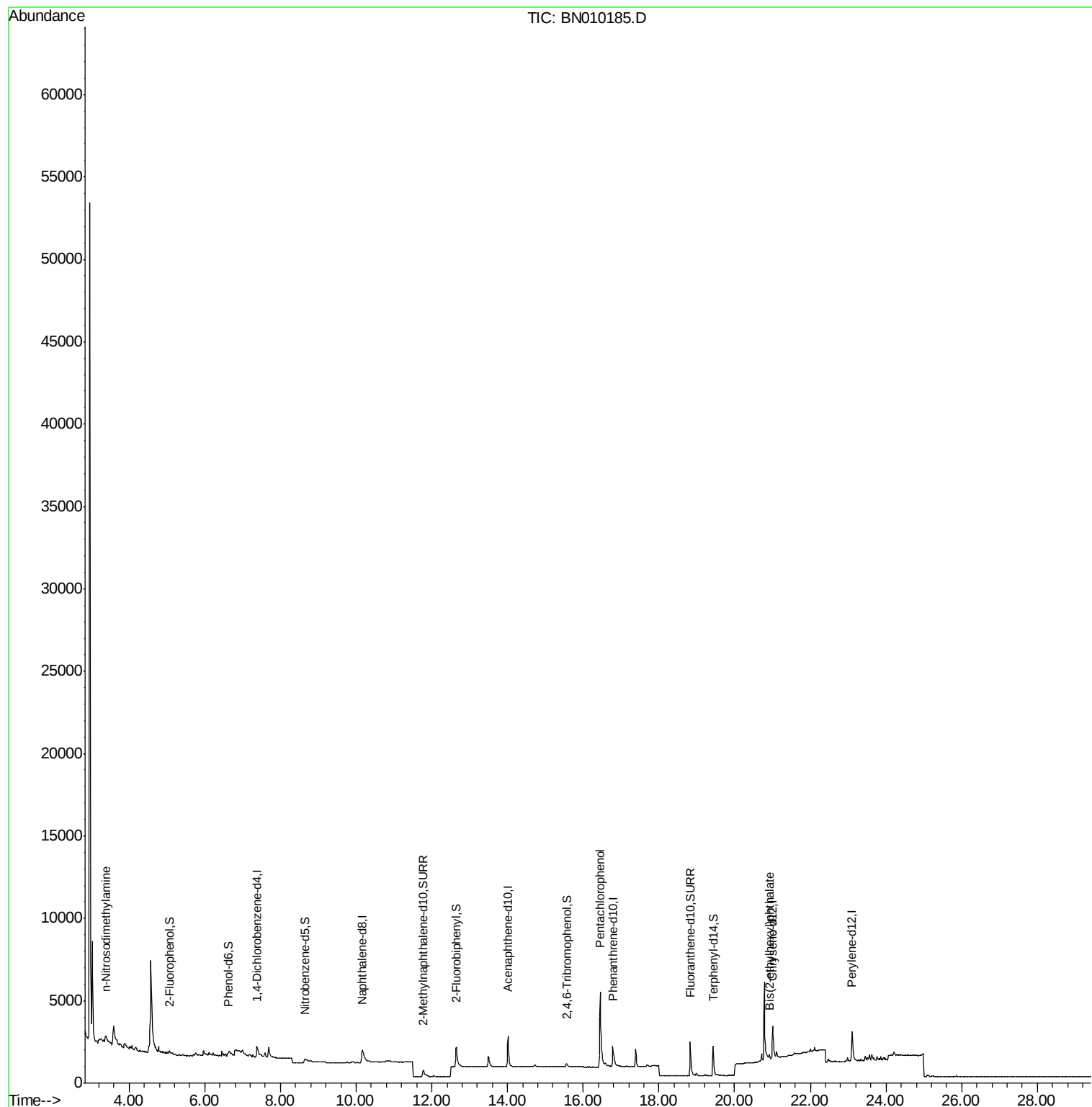
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	697	0.40	ng	-0.03
7) Naphthalene-d8	10.16	136	2512	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	1543	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	3535	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	3147	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3288	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	317	0.20	ng	-0.02
5) Phenol-d6	6.62	99	214	0.11	ng	-0.02
8) Nitrobenzene-d5	8.66	82	500	0.24	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1347	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.56	330	235	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	2073	0.36	ng	-0.03
25) Fluoranthene-d10	18.83	212	3672	0.30	ng	-0.03
29) Terphenyl-d14	19.43	244	3250	0.43	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.38	42	114	0.097	ng	# 1
20) 4-Bromophenyl-phenylether	16.02	248	125	Below Cal		# 84
22) Pentachlorophenol	16.44	266	3949	5.536	ng	# 85
32) Bis(2-ethylhexyl)phthalate	20.92	149	344	0.068	ng	# 84

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

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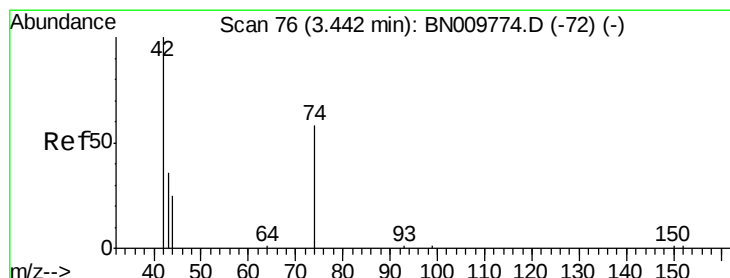
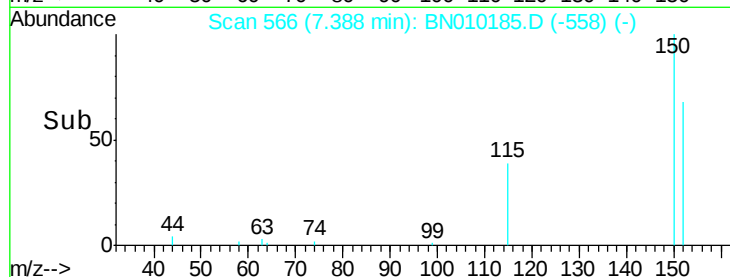
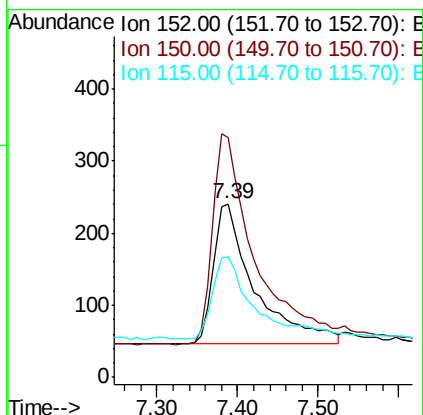
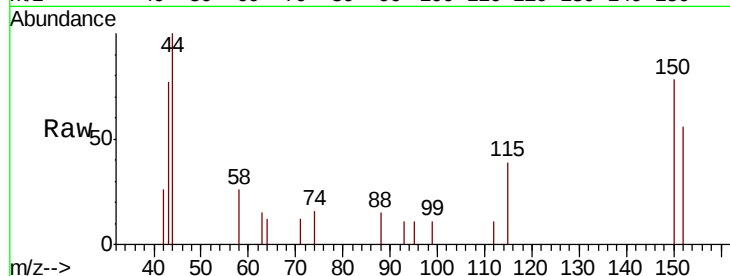


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Instrument :
BNA_N
ClientSampleId :
RE125D3-20200306

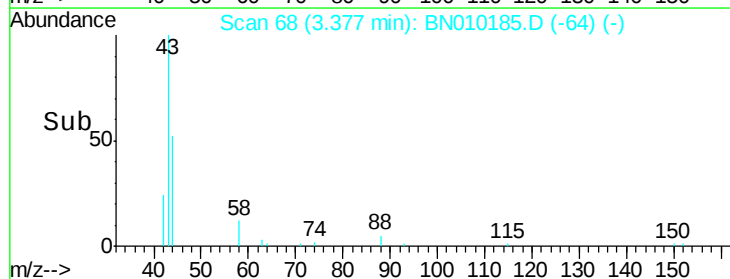
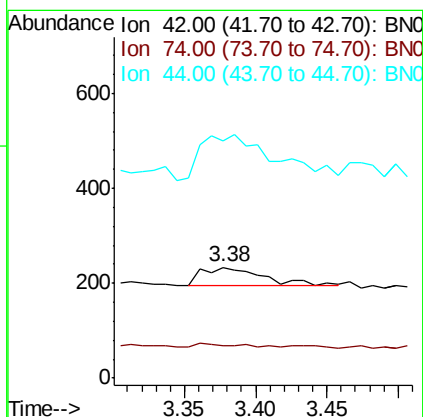
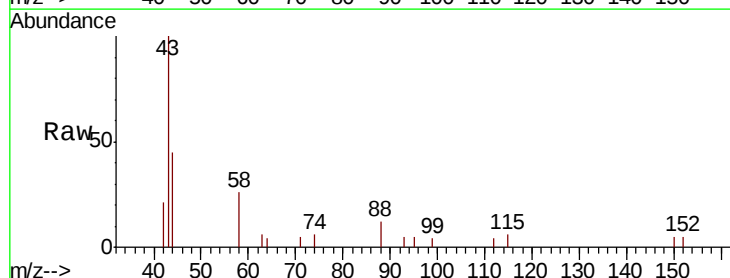
Tot Ion:152 Resp: 697
Ion Ratio Lower Upper
152 100
150 138.2 120.6 181.0
115 69.3 51.2 76.8

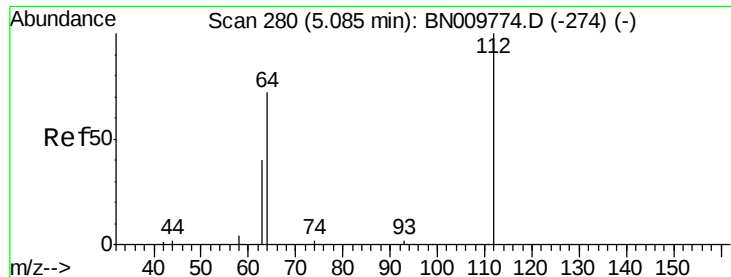


#3

n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.38 min Scan# 68
Delta R.T. -0.06 min
Lab File: BN010185.D
Acq: 11 Mar 2020 10:32

Tgt Ion: 42 Resp: 114
Ion Ratio Lower Upper
42 100
74 0.0 51.2 76.8#
44 306.1 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.205 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200306

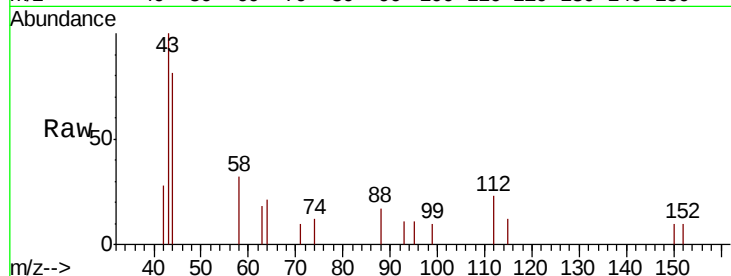
Tot Ion: 112 Resp: 317

Ion Ratio Lower Upper

112 100

64 77.9 65.8 98.6

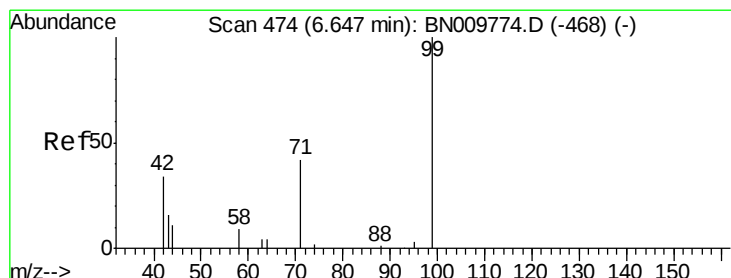
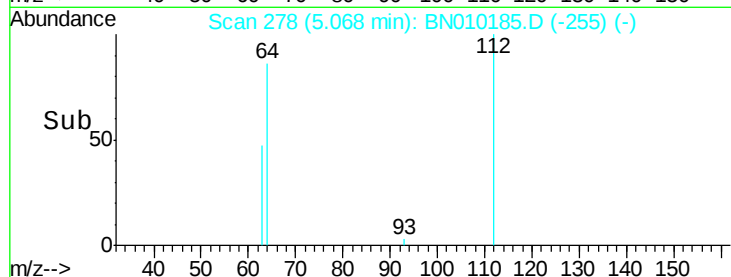
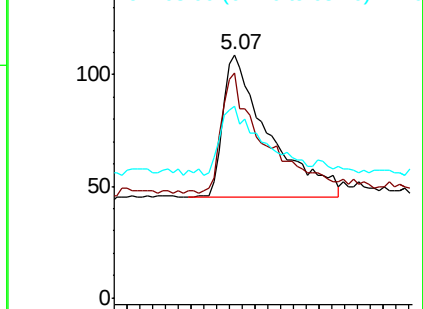
63 44.8 38.7 58.1



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: 0.113 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

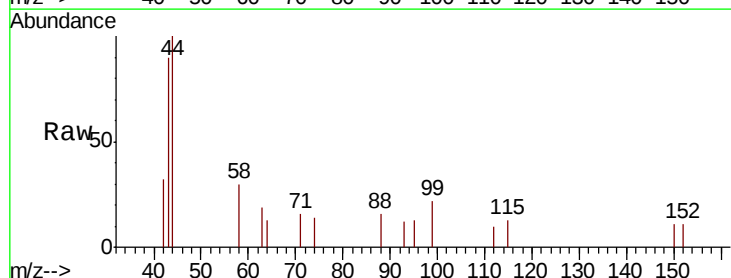
Tgt Ion: 99 Resp: 214

Ion Ratio Lower Upper

99 100

42 64.5 30.8 46.2#

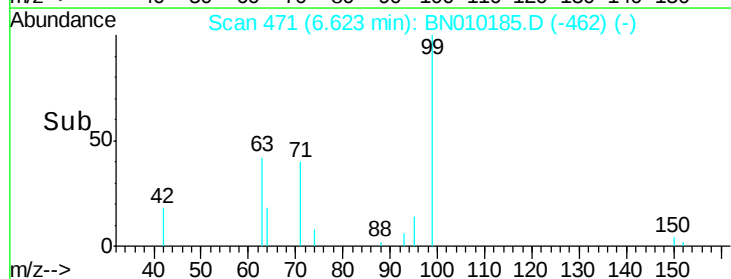
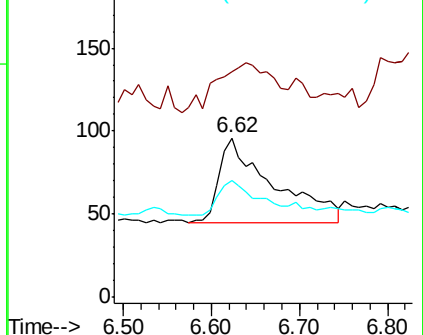
71 34.6 34.9 52.3#



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: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200306

Tot Ion:136 Resp: 2512

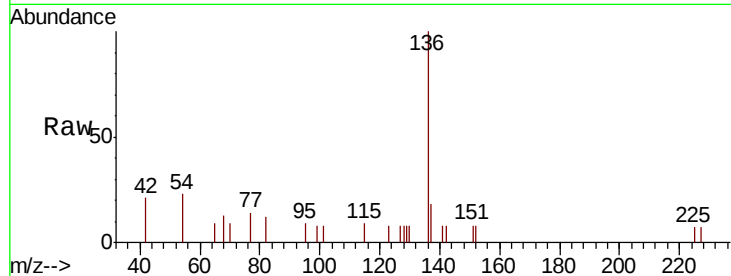
Ion Ratio Lower Upper

136 100

137 17.7 11.3 16.9#

54 22.6 13.4 20.2#

68 13.3 7.0 10.4#

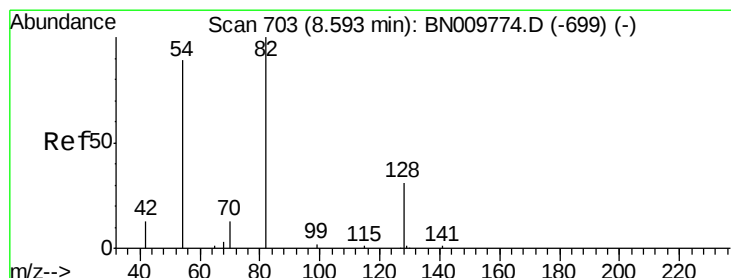
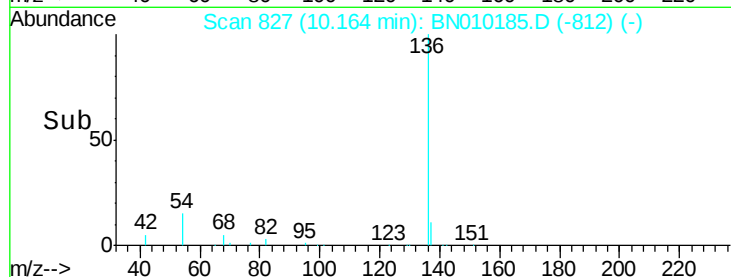
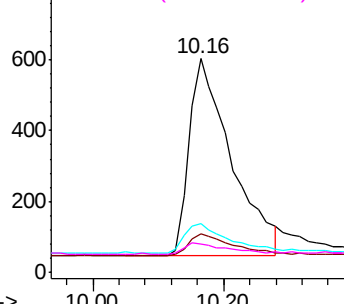


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.239 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

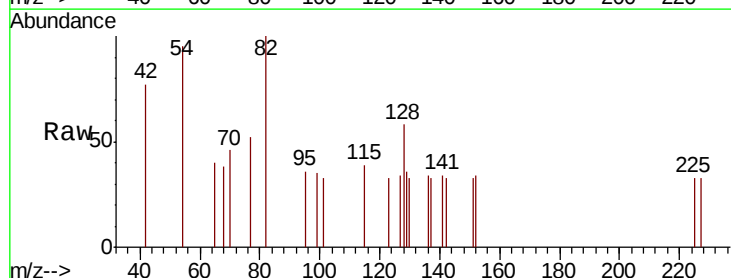
Tgt Ion: 82 Resp: 500

Ion Ratio Lower Upper

82 100

128 58.0 32.5 48.7#

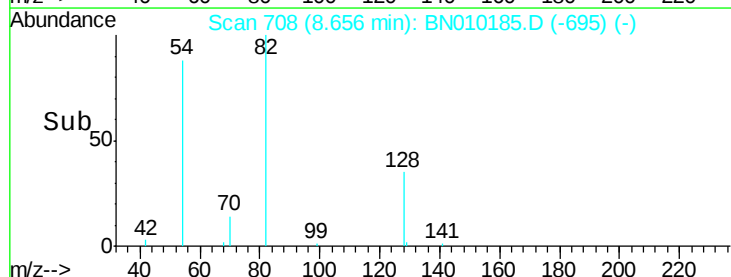
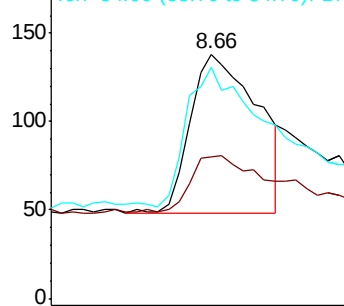
54 94.9 73.5 110.3

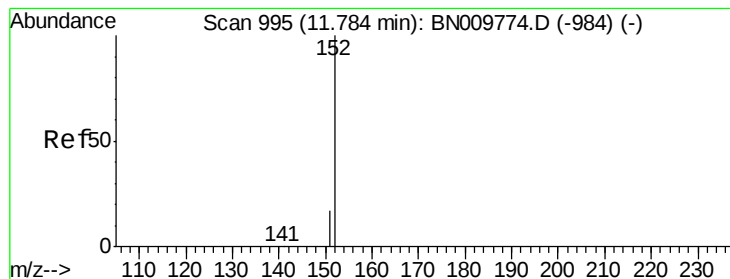


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.277 ng

RT: 11.77 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

ClientSampleId :

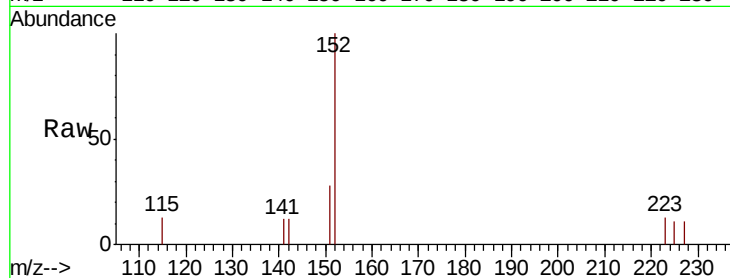
RE125D3-20200306

Tot Ion:152 Resp: 1347

Ion Ratio Lower Upper

152 100

151 17.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

400

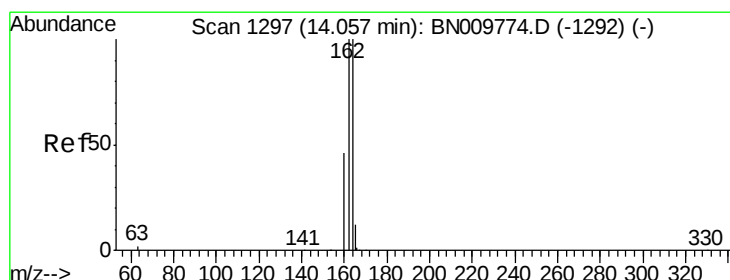
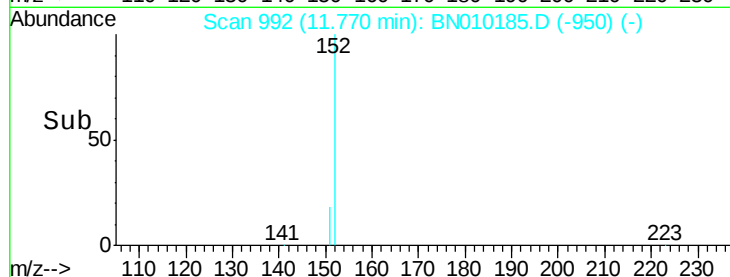
300

200

100

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

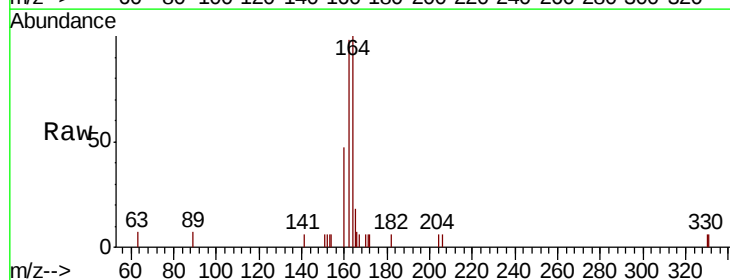
Tgt Ion:164 Resp: 1543

Ion Ratio Lower Upper

164 100

162 97.7 79.9 119.9

160 47.5 38.2 57.2



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

14.01

1000

800

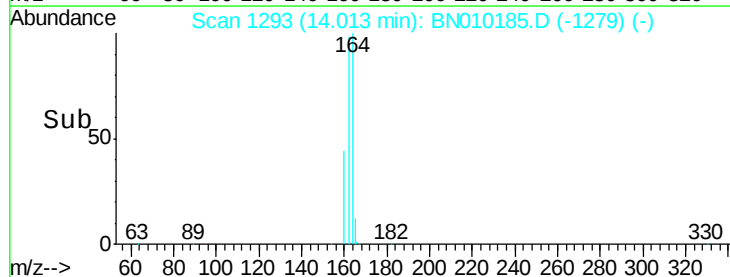
600

400

200

0

Time-->

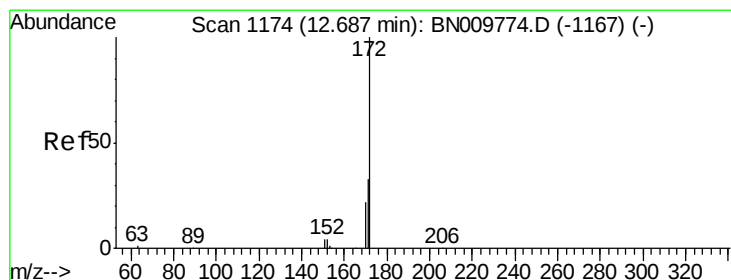
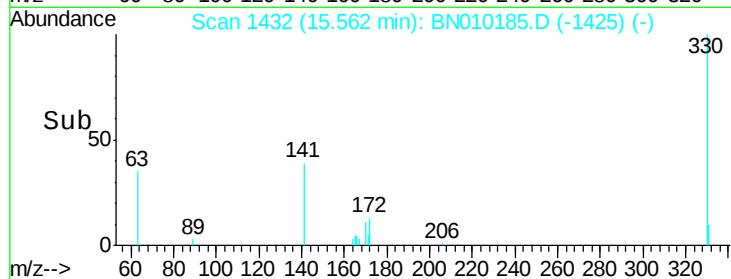
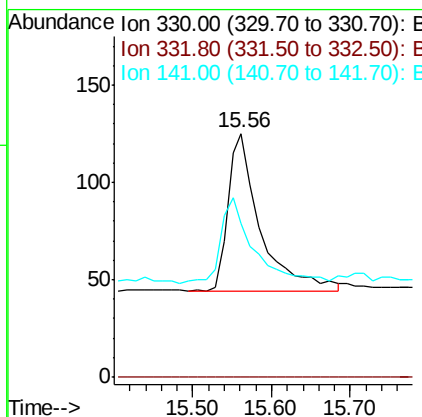
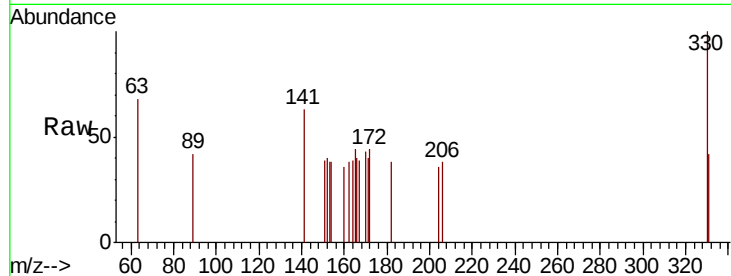




#14
 2,4,6-Tribromophenol
 Concen: 0.395 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010185.D
 Acq: 11 Mar 2020 10:32

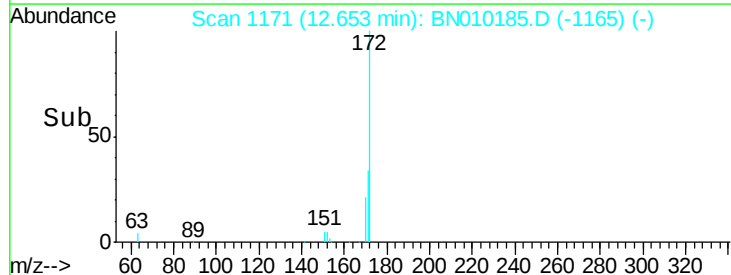
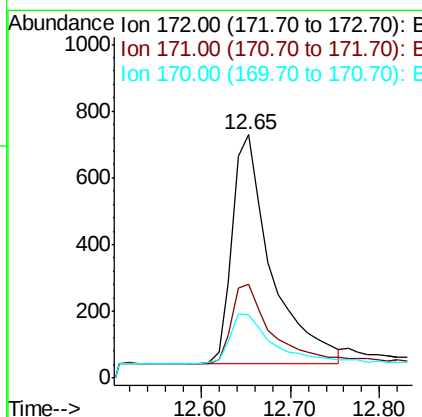
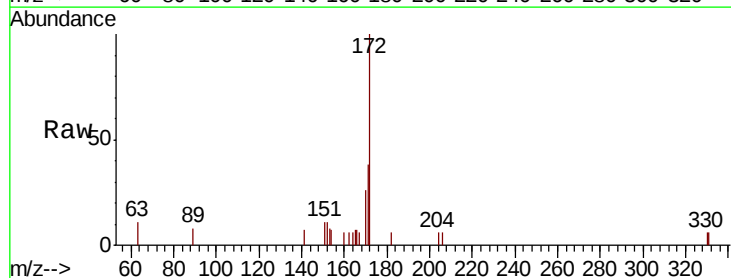
Instrument :
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 RE125D3-20200306

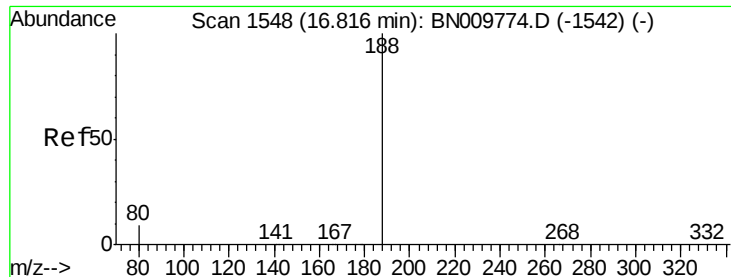
Tot Ion:330 Resp: 235
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 54.5 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.356 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010185.D
 Acq: 11 Mar 2020 10:32

Tgt Ion:172 Resp: 2073
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.7 43.1
 170 25.9 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200306

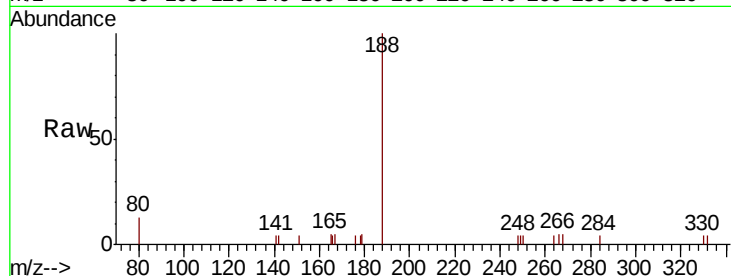
Tot Ion:188 Resp: 3535

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

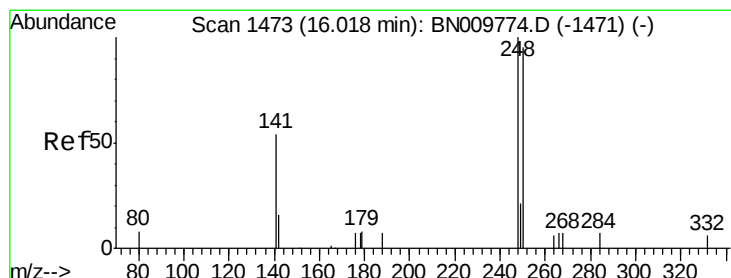
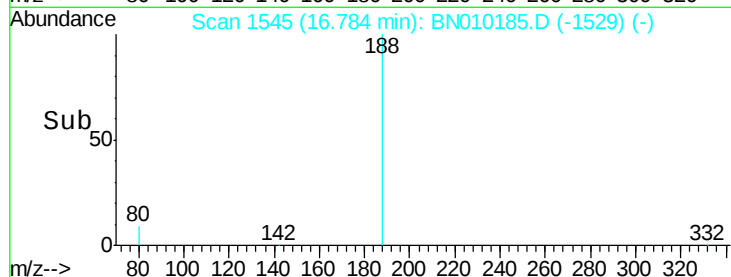
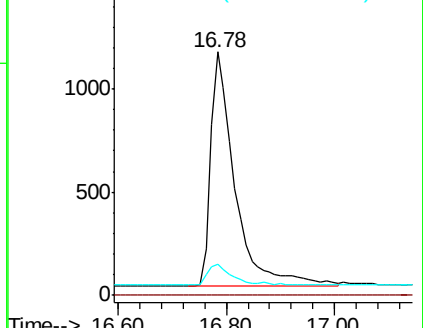
80 12.7 8.3 12.5#



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

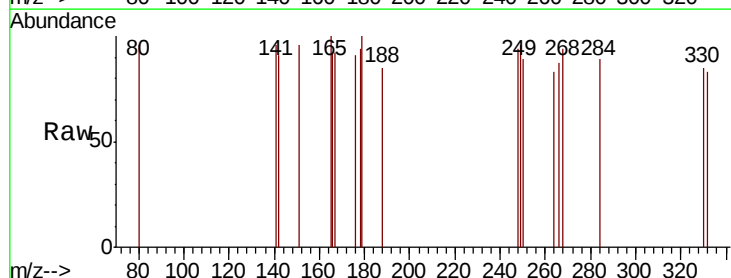
Tgt Ion:248 Resp: 125

Ion Ratio Lower Upper

248 100

250 94.0 76.2 114.4

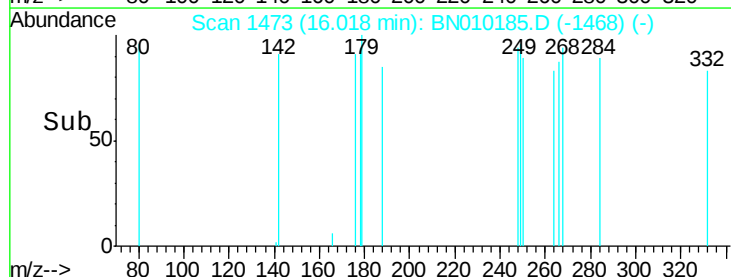
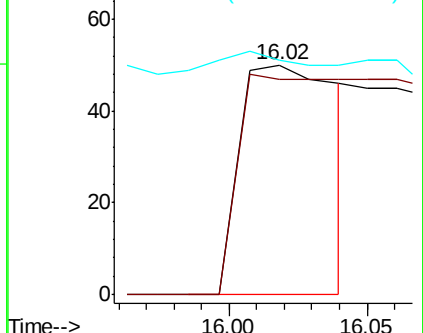
141 102.0 57.8 86.6#

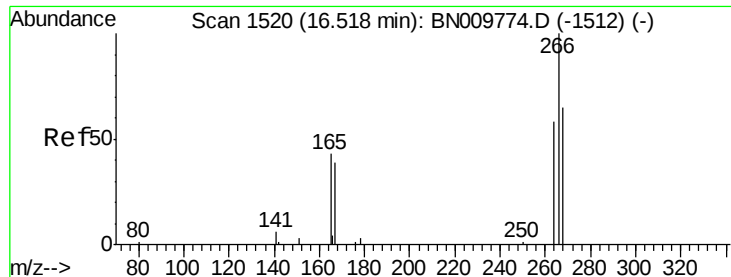


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

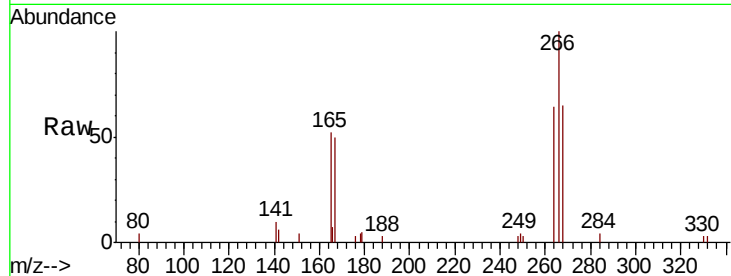




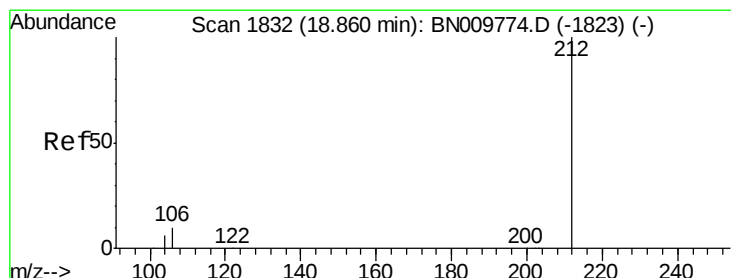
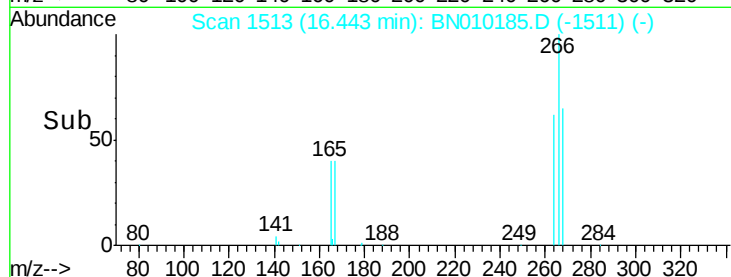
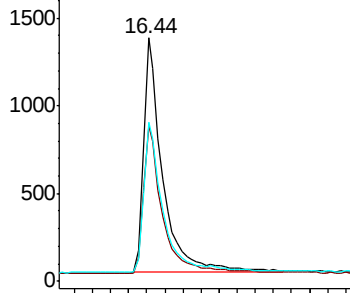
#22
 Pentachlorophenol
 Concen: 5.536 ng
 RT: 16.44 min Scan# 1513
 Delta R.T. -0.07 min
 Lab File: BN010185.D
 Acq: 11 Mar 2020 10:32

Instrument :
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 RE125D3-20200306

Tot Ion:266 Resp: 3949
 Ion Ratio Lower Upper
 266 100
 264 63.8 58.1 87.1
 268 65.4 65.7 98.5#

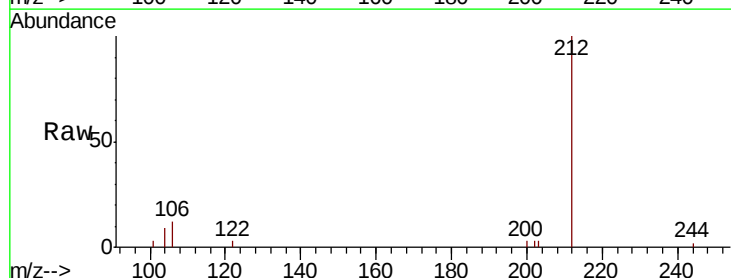


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

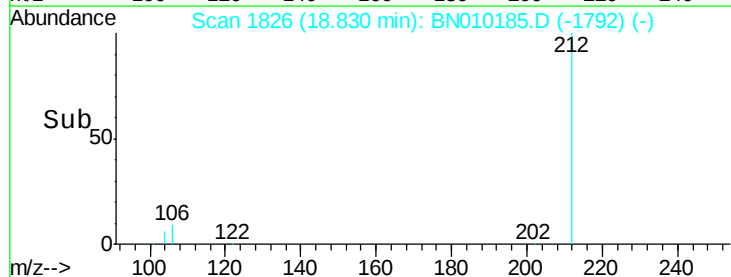
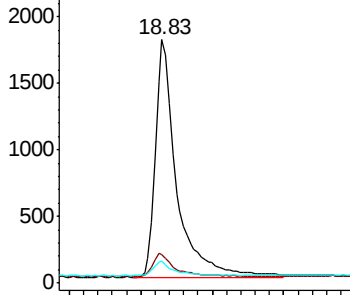


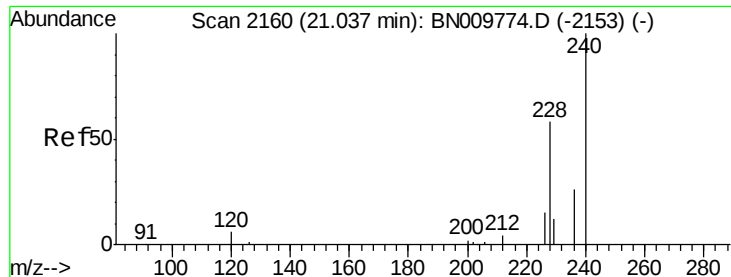
#25
 Fluoranthene-d10
 Concen: 0.300 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BN010185.D
 Acq: 11 Mar 2020 10:32

Tgt Ion:212 Resp: 3672
 Ion Ratio Lower Upper
 212 100
 106 9.5 8.4 12.6
 104 5.7 4.8 7.2



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: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200306

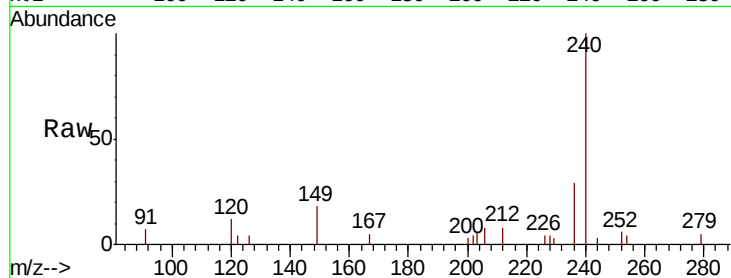
Tot Ion:240 Resp: 3147

Ion Ratio Lower Upper

240 100

120 12.4 7.9 11.9#

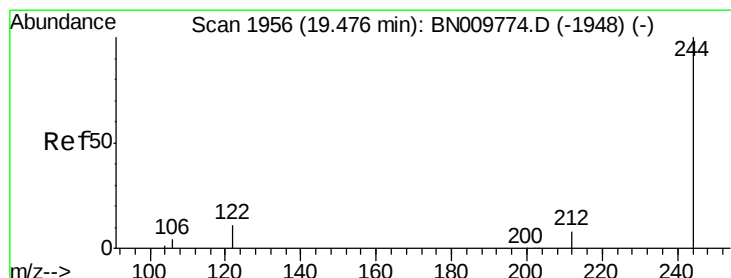
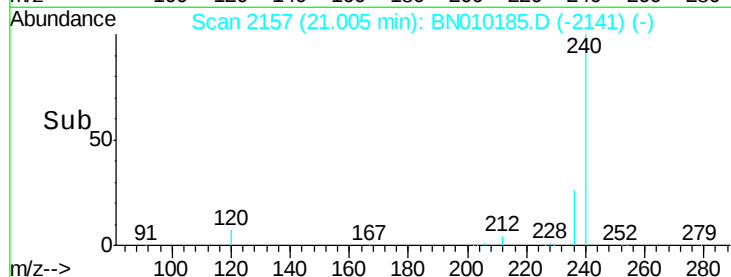
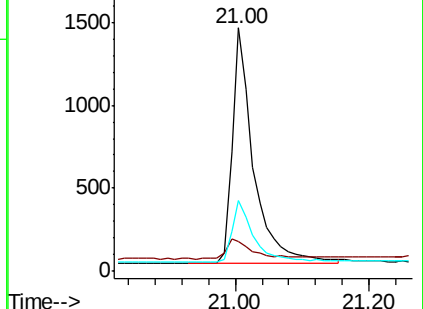
236 29.3 22.0 33.0



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: 0.432 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

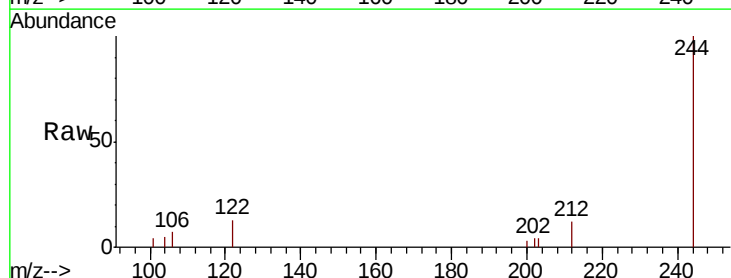
Tgt Ion:244 Resp: 3250

Ion Ratio Lower Upper

244 100

212 11.7 8.0 12.0

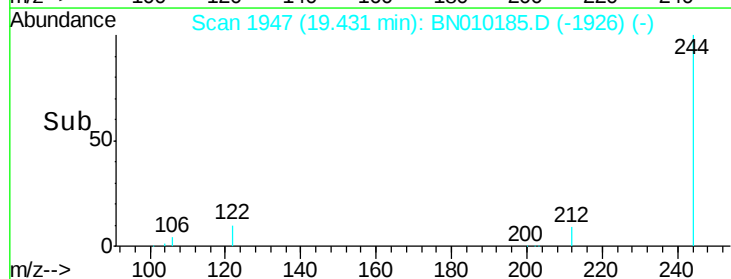
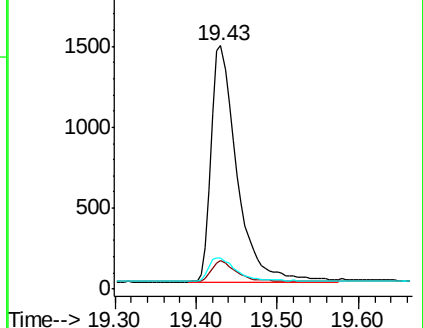
122 12.8 10.0 15.0

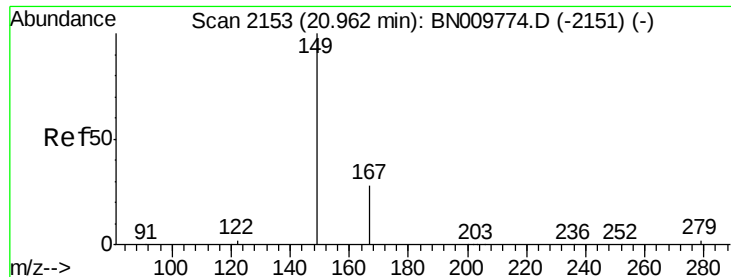


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

Instrument :

BNA_N

ClientSampleId :

RE125D3-20200306

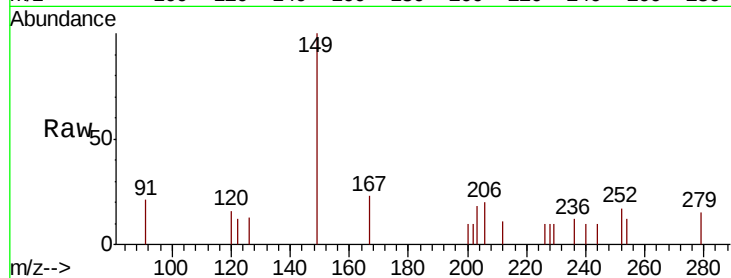
Tot Ion:149 Resp: 344

Ion Ratio Lower Upper

149 100

167 18.9 22.7 34.1#

279 4.9 3.1 4.7#

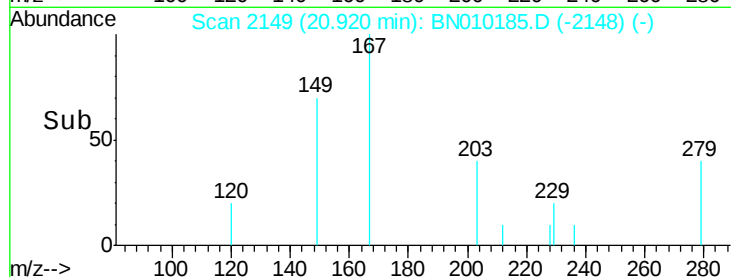


Abundance Ion 149.00 (148.70 to 149.70): E

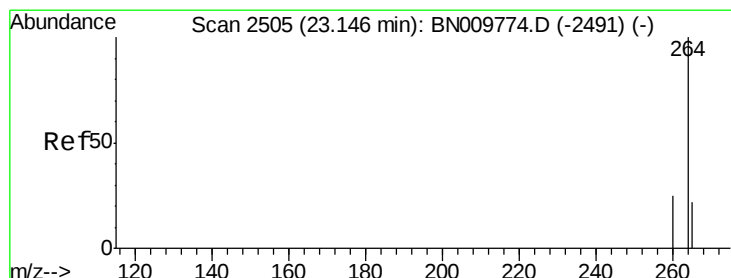
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BN010185.D

Acq: 11 Mar 2020 10:32

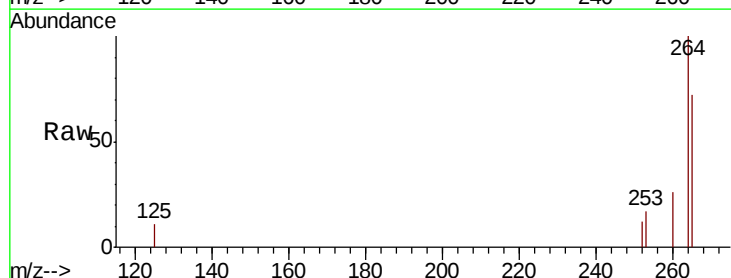
Tgt Ion:264 Resp: 3288

Ion Ratio Lower Upper

264 100

260 26.0 21.1 31.7

265 72.4 57.5 86.3

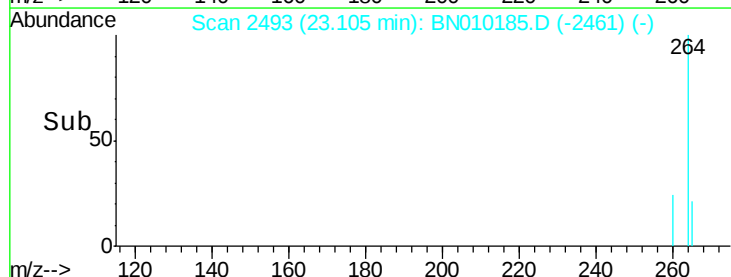


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->