

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010179.D
 Acq On : 11 Mar 2020 06:55
 Operator : CG/JU
 Sample : L1842-14DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305DL

Quant Time: Mar 11 07:37:03 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

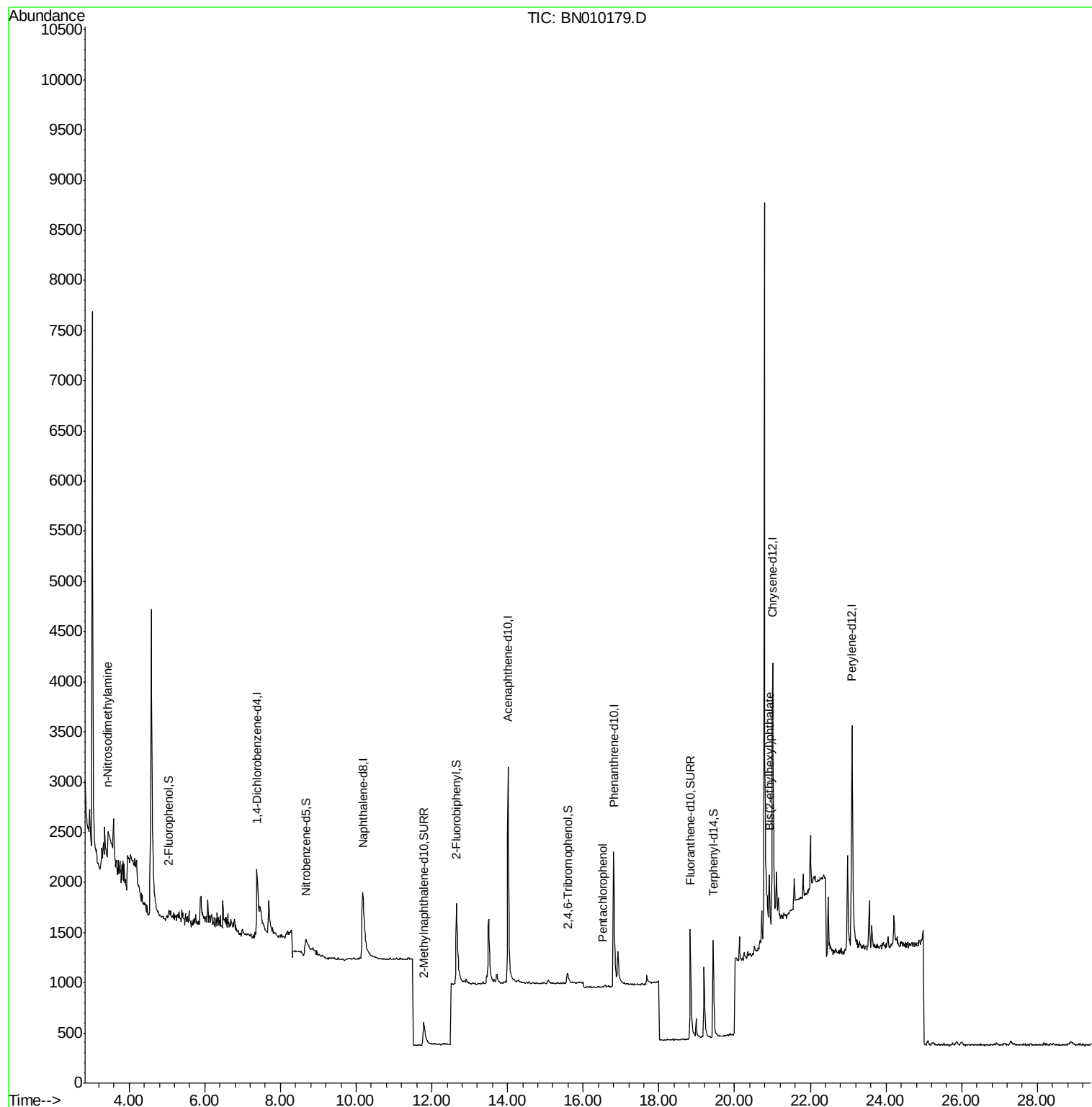
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	785	0.40	ng	-0.03
7) Naphthalene-d8	10.18	136	2374	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1766	0.40	ng	-0.04
19) Phenanthrene-d10	16.80	188	3099	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3998	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3833	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	187	0.11	ng	-0.02
5) Phenol-d6	6.68	99	41	0.02	ng	0.03
8) Nitrobenzene-d5	8.67	82	351	0.18	ng	0.08
11) 2-Methylnaphthalene-d10	11.78	152	770	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	126	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	1377	0.21	ng	-0.03
25) Fluoranthene-d10	18.83	212	2039	0.19	ng	-0.03
29) Terphenyl-d14	19.43	244	1764	0.18	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.43	42	40	0.030	ng	# 25
20) 4-Bromophenyl-phenylether	16.01	248	87	Below Cal		# 78
22) Pentachlorophenol	16.51	266	4	0.185	ng	# 73
32) Bis(2-ethylhexyl)phthalate	20.92	149	525	0.081	ng	# 90

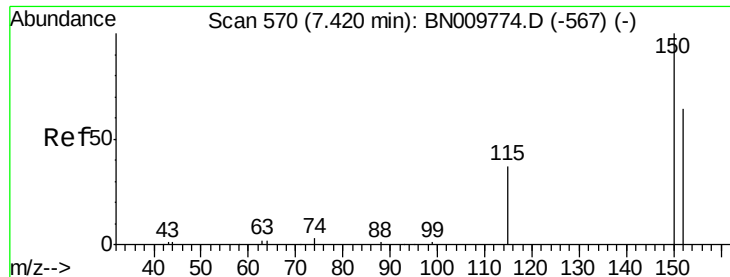
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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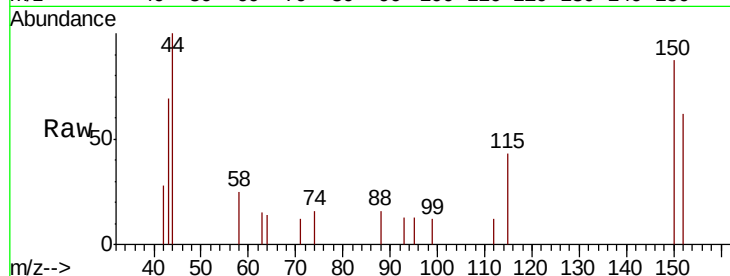


#1

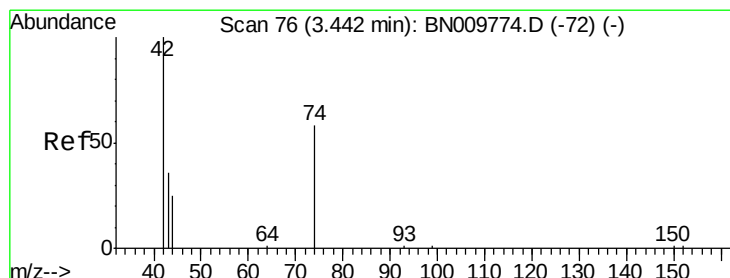
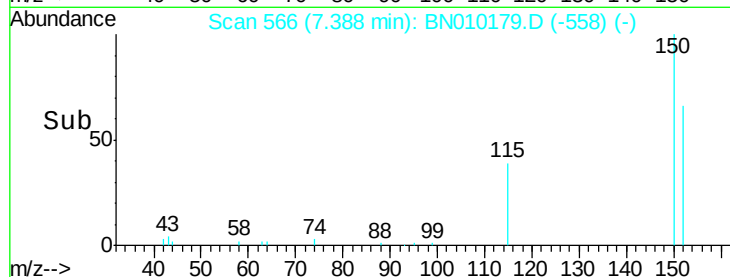
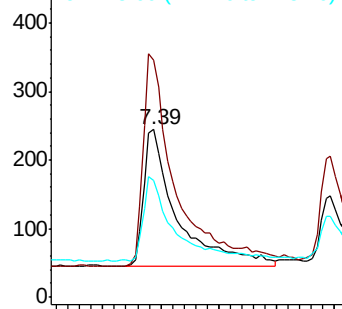
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305DL

Tot Ion:152 Resp: 785
Ion Ratio Lower Upper
152 100
150 141.4 120.6 181.0
115 69.7 51.2 76.8



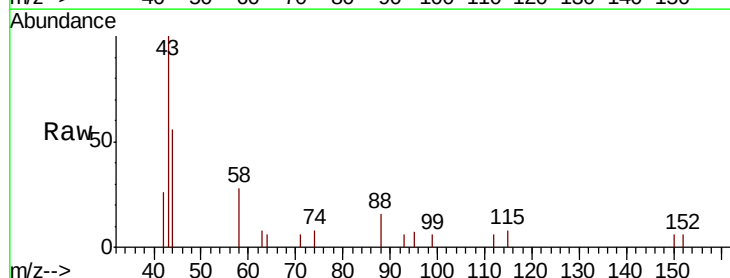
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



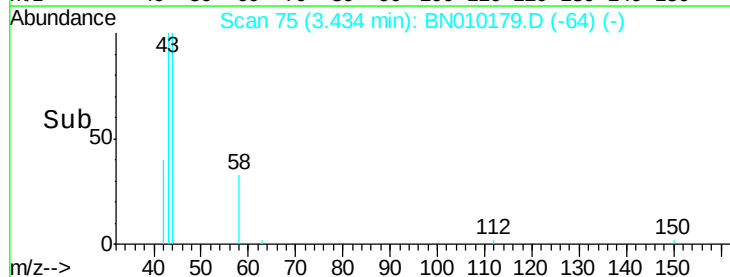
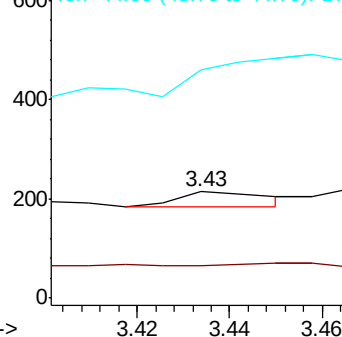
#3

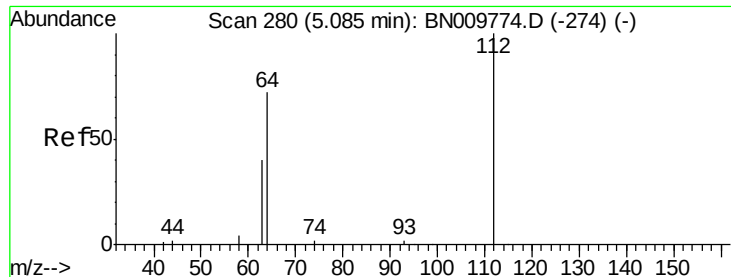
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.01 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 2.5 51.2 76.8#
44 0.0 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.107 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305DL

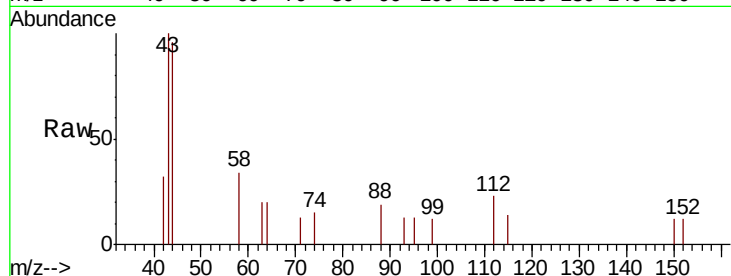
Tot Ion: 112 Resp: 187

Ion Ratio Lower Upper

112 100

64 82.9 65.8 98.6

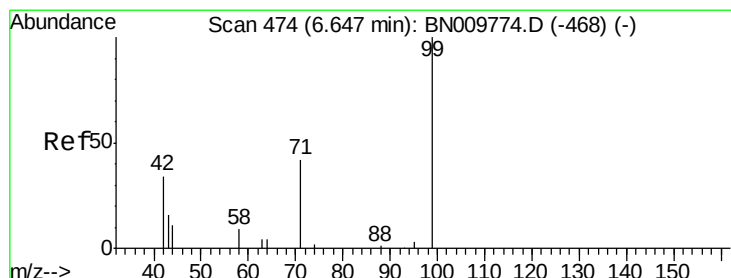
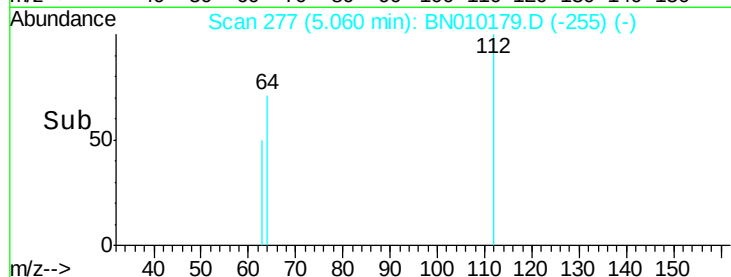
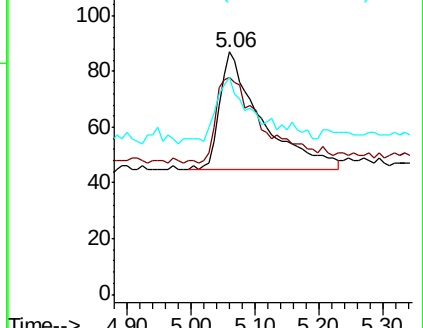
63 40.6 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.019 ng

RT: 6.68 min Scan# 478

Delta R.T. 0.03 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

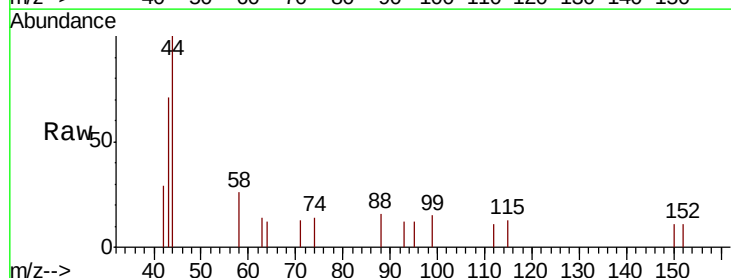
Tgt Ion: 99 Resp: 41

Ion Ratio Lower Upper

99 100

42 24.4 30.8 46.2#

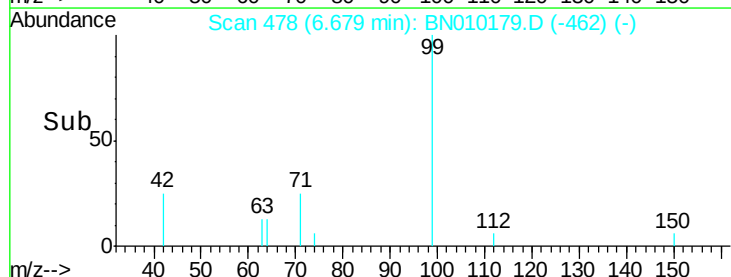
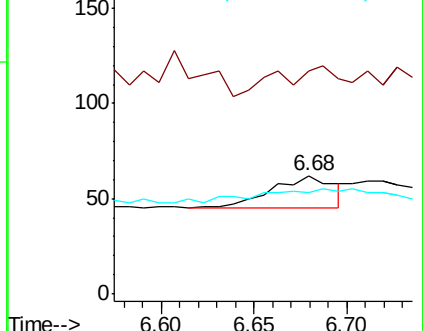
71 80.5 34.9 52.3#

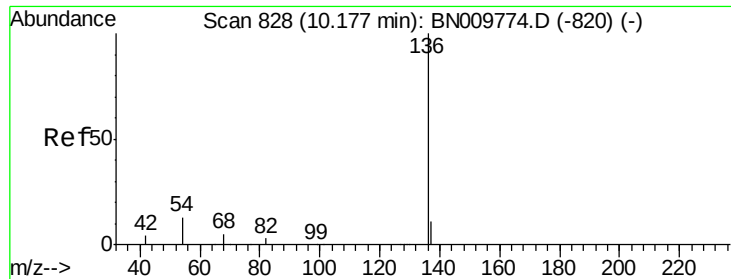


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305DL

Tot Ion:136 Resp: 2374

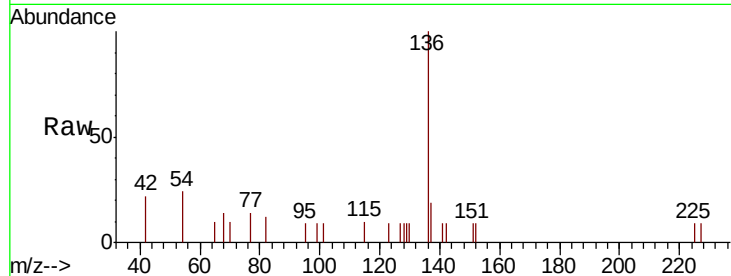
Ion Ratio Lower Upper

136 100

137 18.7 11.3 16.9#

54 23.6 13.4 20.2#

68 14.0 7.0 10.4#

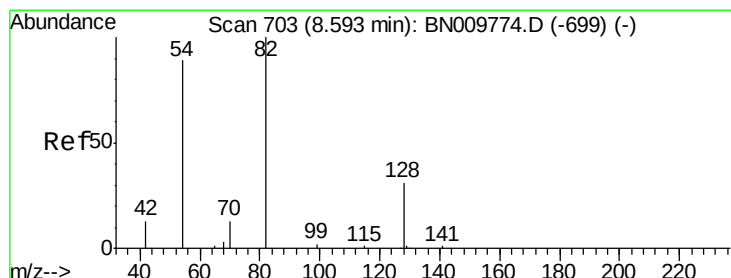
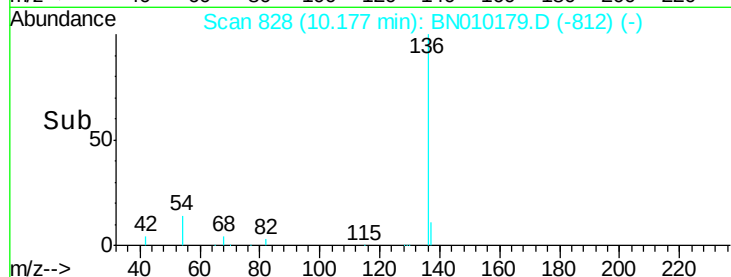
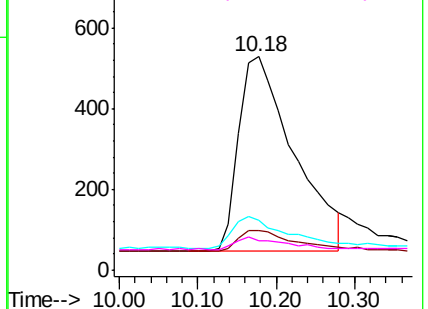


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.178 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.08 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

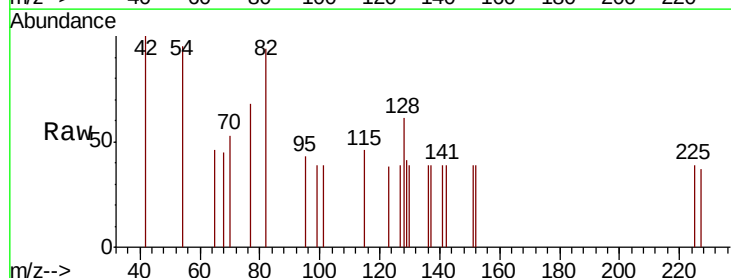
Tgt Ion: 82 Resp: 351

Ion Ratio Lower Upper

82 100

128 64.3 32.5 48.7#

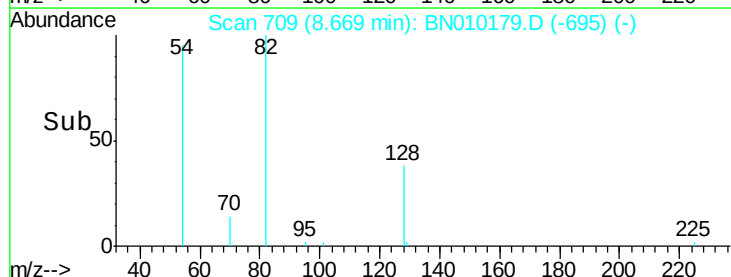
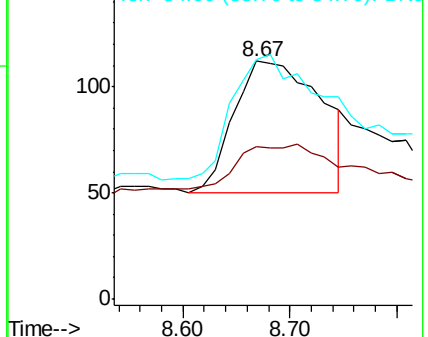
54 100.9 73.5 110.3

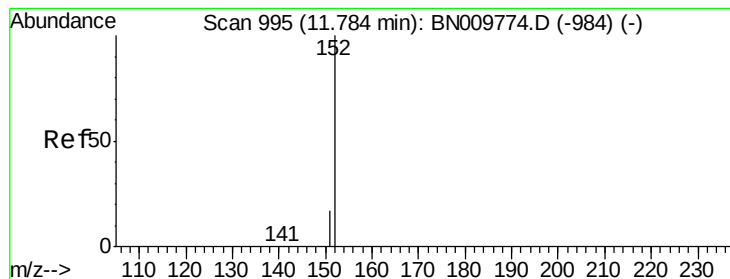


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.168 ng

RT: 11.78 min Scan# 995

Delta R.T. -0.00 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

ClientSampleId :

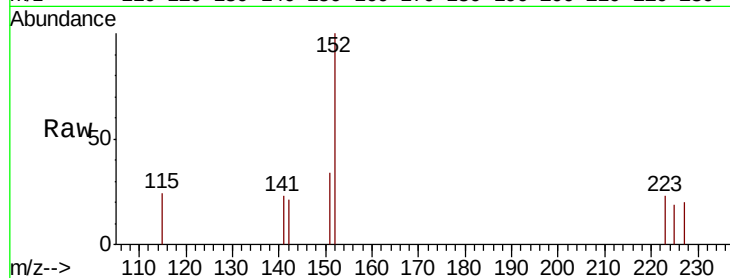
RE132D2-20200305DL

Tot Ion:152 Resp: 770

Ion Ratio Lower Upper

152 100

151 17.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.78

250

200

150

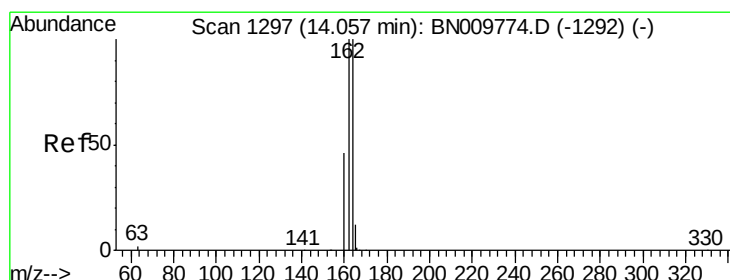
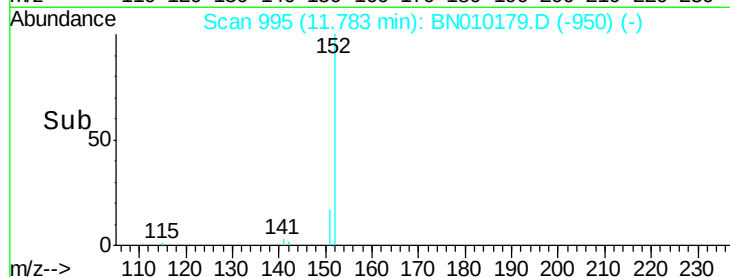
100

50

0

Time-->

11.70 11.80 11.90 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

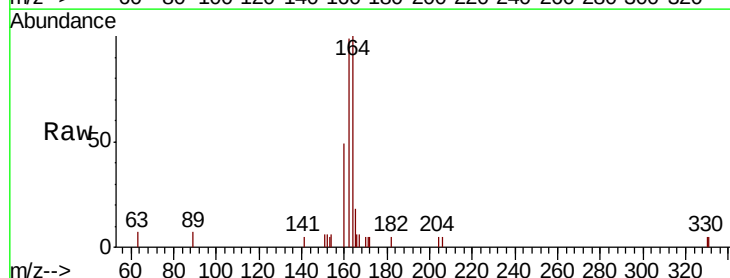
Tgt Ion:164 Resp: 1766

Ion Ratio Lower Upper

164 100

162 99.4 79.9 119.9

160 48.9 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

1200

1000

800

600

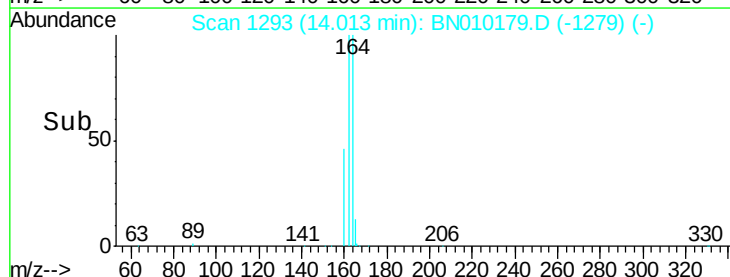
400

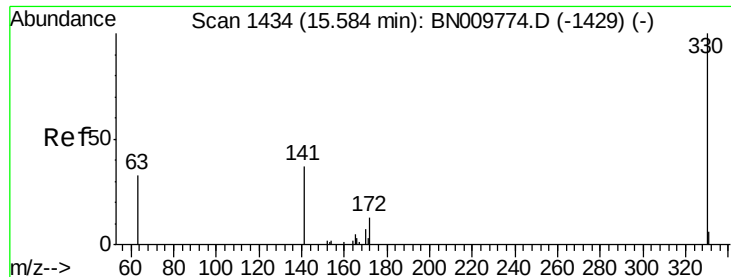
200

0

Time-->

13.90 14.00 14.10 14.20

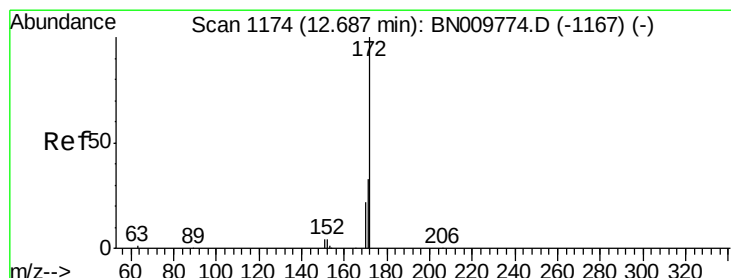
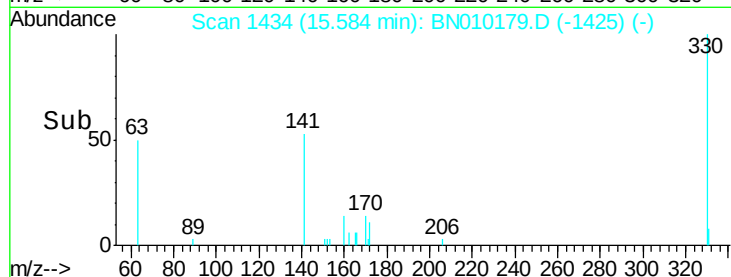
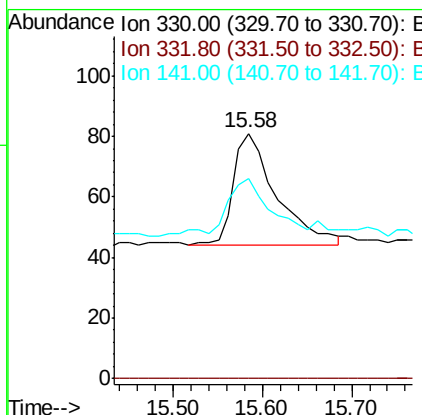
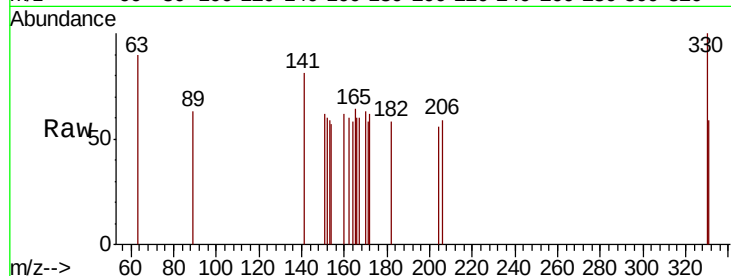




#14
 2,4,6-Tribromophenol
 Concen: 0.185 ng
 RT: 15.58 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BN010179.D
 Acq: 11 Mar 2020 06:55

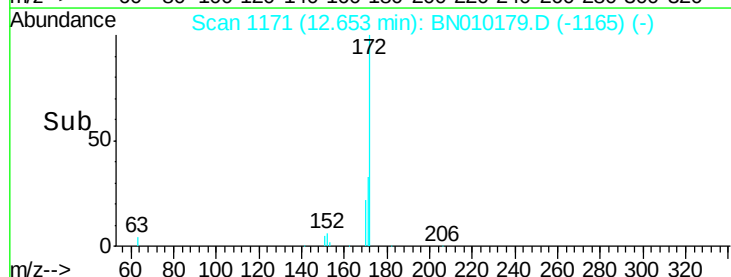
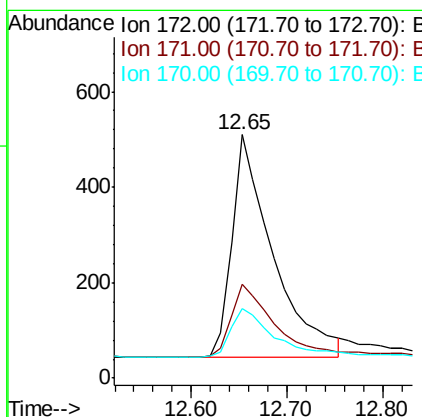
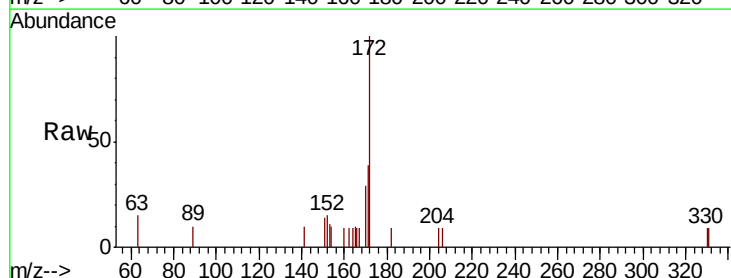
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305DL

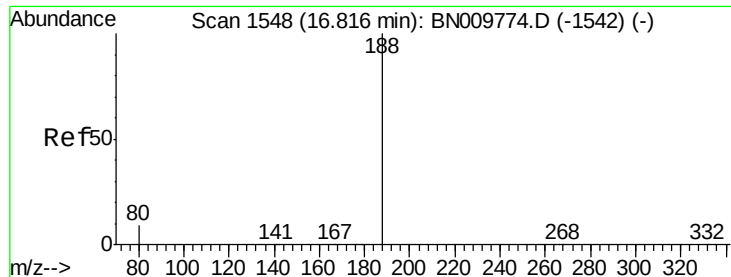
Tot Ion:330 Resp: 126
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 53.2 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.207 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010179.D
 Acq: 11 Mar 2020 06:55

Tgt Ion:172 Resp: 1377
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.7 43.1
 170 28.8 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305DL

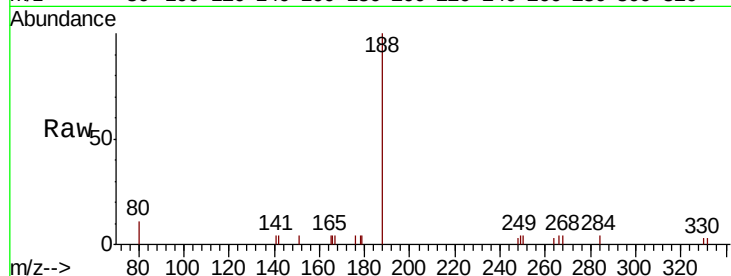
Tot Ion:188 Resp: 3099

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

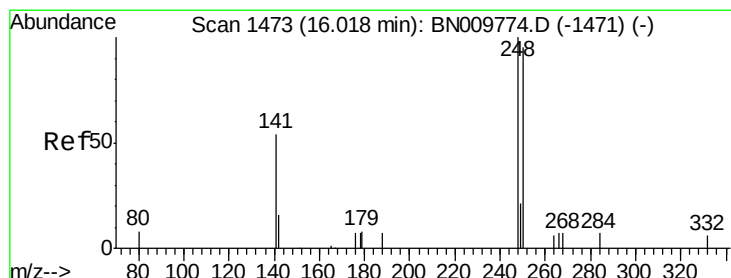
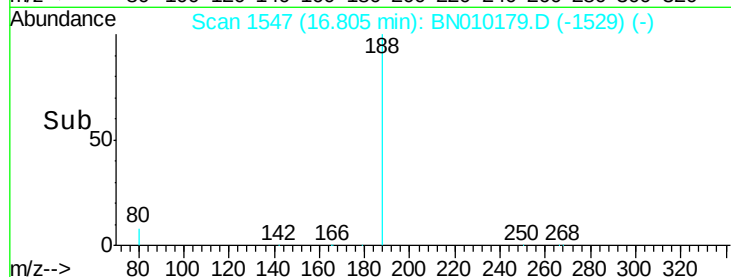
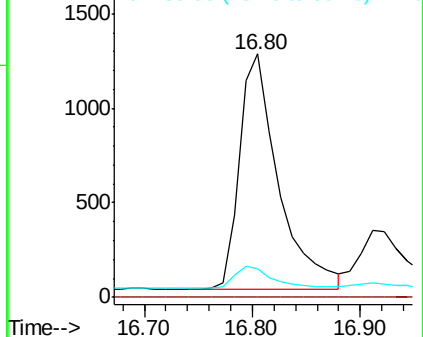
80 11.5 8.3 12.5



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

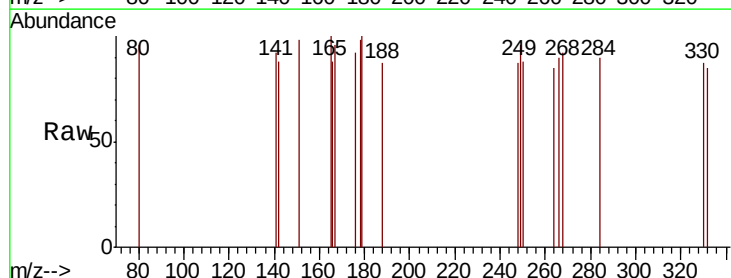
Tgt Ion:248 Resp: 87

Ion Ratio Lower Upper

248 100

250 102.2 76.2 114.4

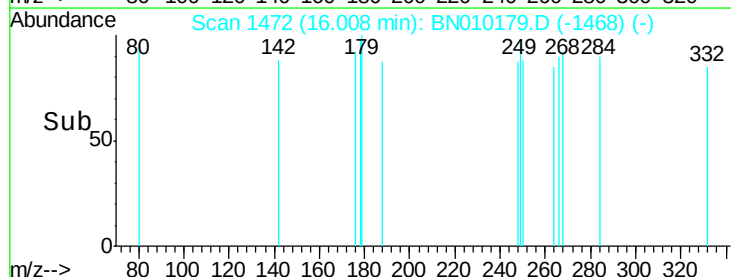
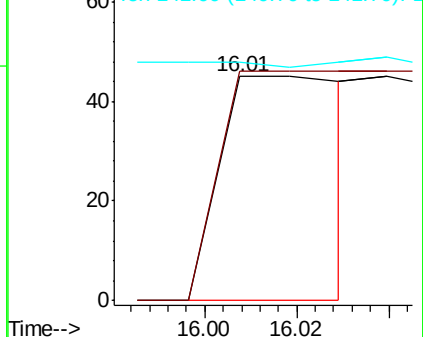
141 106.7 57.8 86.6#

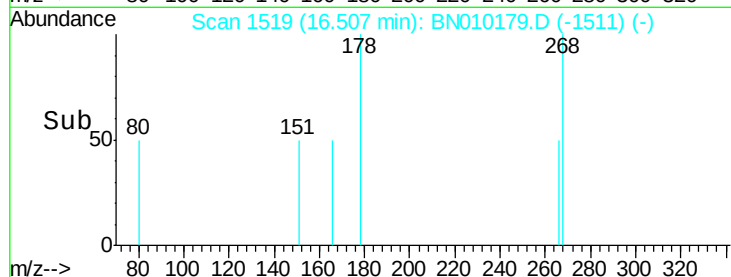
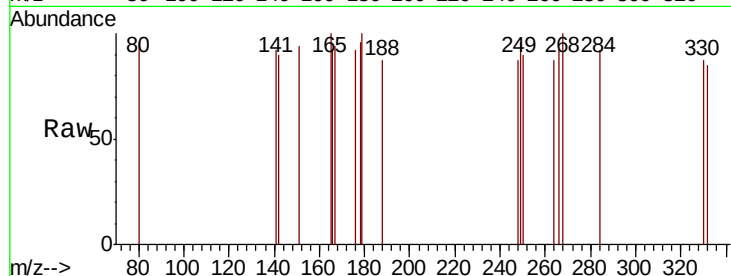
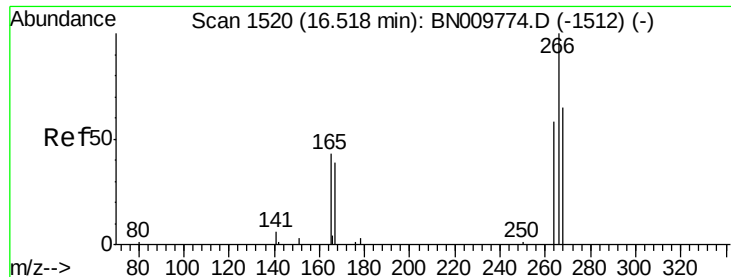


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.185 ng

RT: 16.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

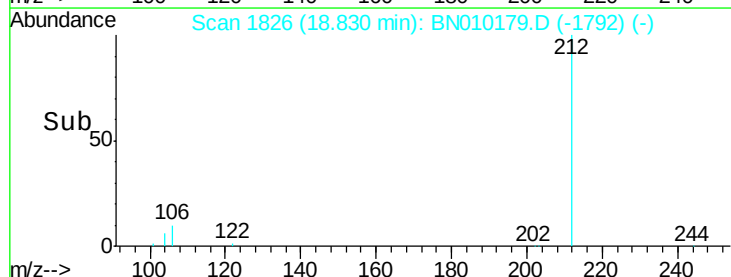
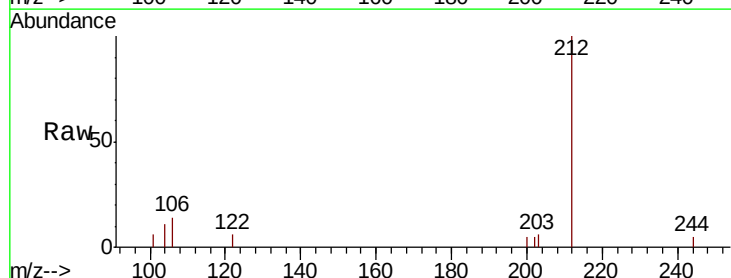
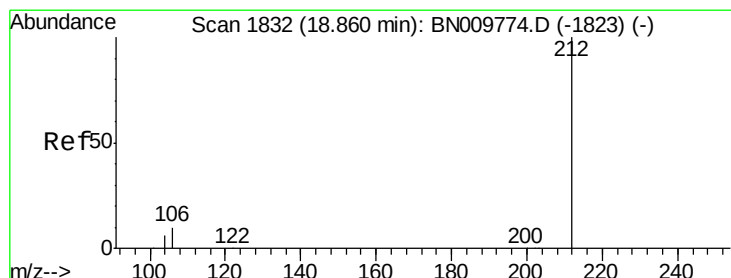
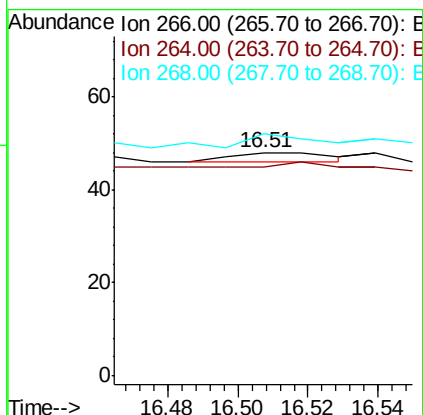
Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305DL

Tot	Ion:266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	93.8	58.1	87.1#
268	108.3	65.7	98.5#



#25

Fluoranthene-d10

Concen: 0.190 ng

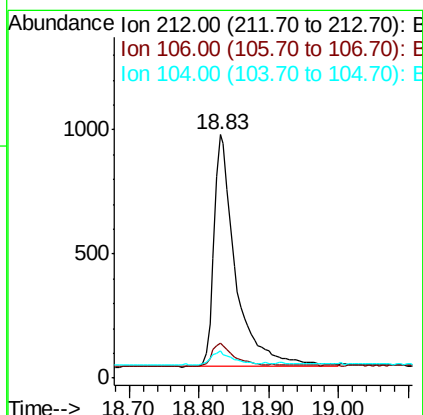
RT: 18.83 min Scan# 1826

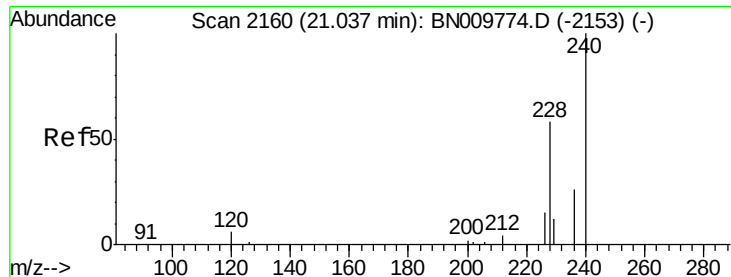
Delta R.T. -0.03 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Tgt Ion	212	Resp:	2039
Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.4	12.6
104	5.3	4.8	7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305DL

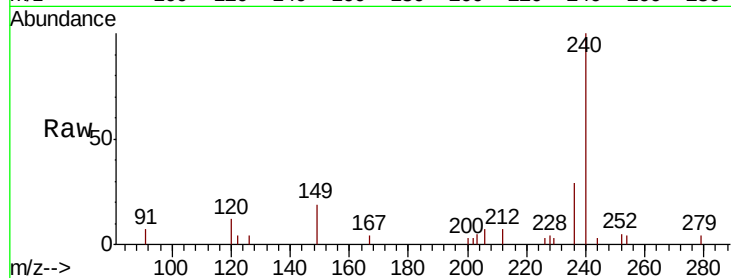
Tot Ion:240 Resp: 3998

Ion Ratio Lower Upper

240 100

120 12.2 7.9 11.9#

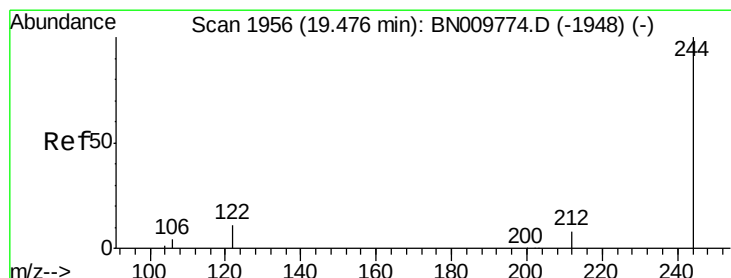
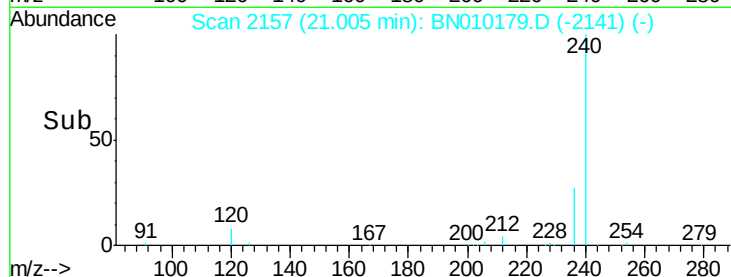
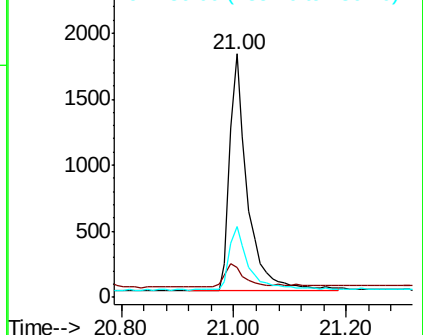
236 28.9 22.0 33.0



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: 0.185 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

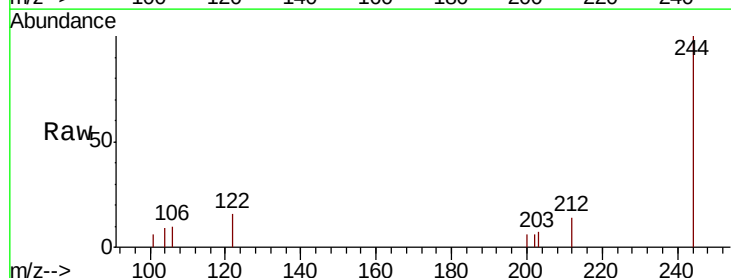
Tgt Ion:244 Resp: 1764

Ion Ratio Lower Upper

244 100

212 14.4 8.0 12.0#

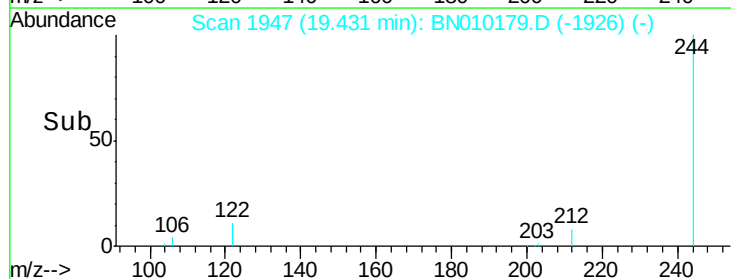
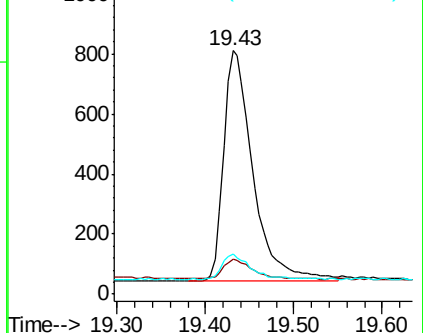
122 16.4 10.0 15.0#

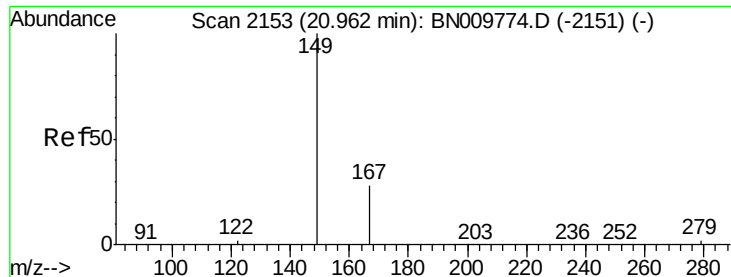


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305DL

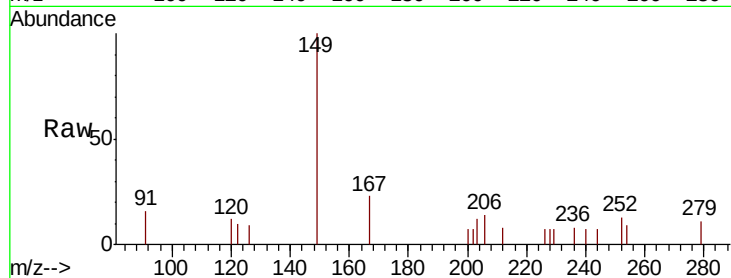
Tot Ion:149 Resp: 525

Ion Ratio Lower Upper

149 100

167 22.3 22.7 34.1#

279 3.4 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

20.92

800

600

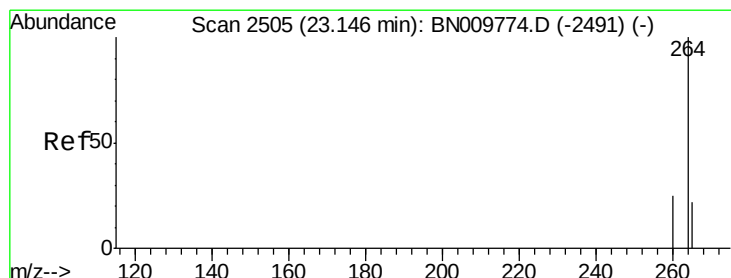
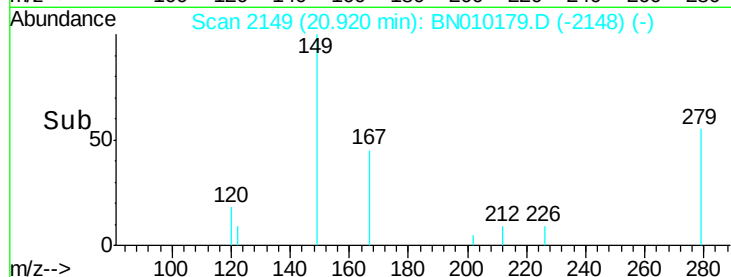
400

200

0

20.90 20.95

Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2492

Delta R.T. -0.04 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

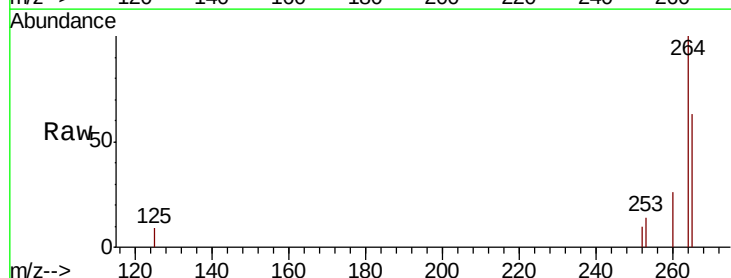
Tgt Ion:264 Resp: 3833

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

265 62.9 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

23.10

2000

1500

1000

500

0

23.00 23.10 23.20 23.30

Time-->

