

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010180.D
 Acq On : 11 Mar 2020 07:32
 Operator : CG/JU
 Sample : L1842-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305

Quant Time: Mar 11 08:44:41 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

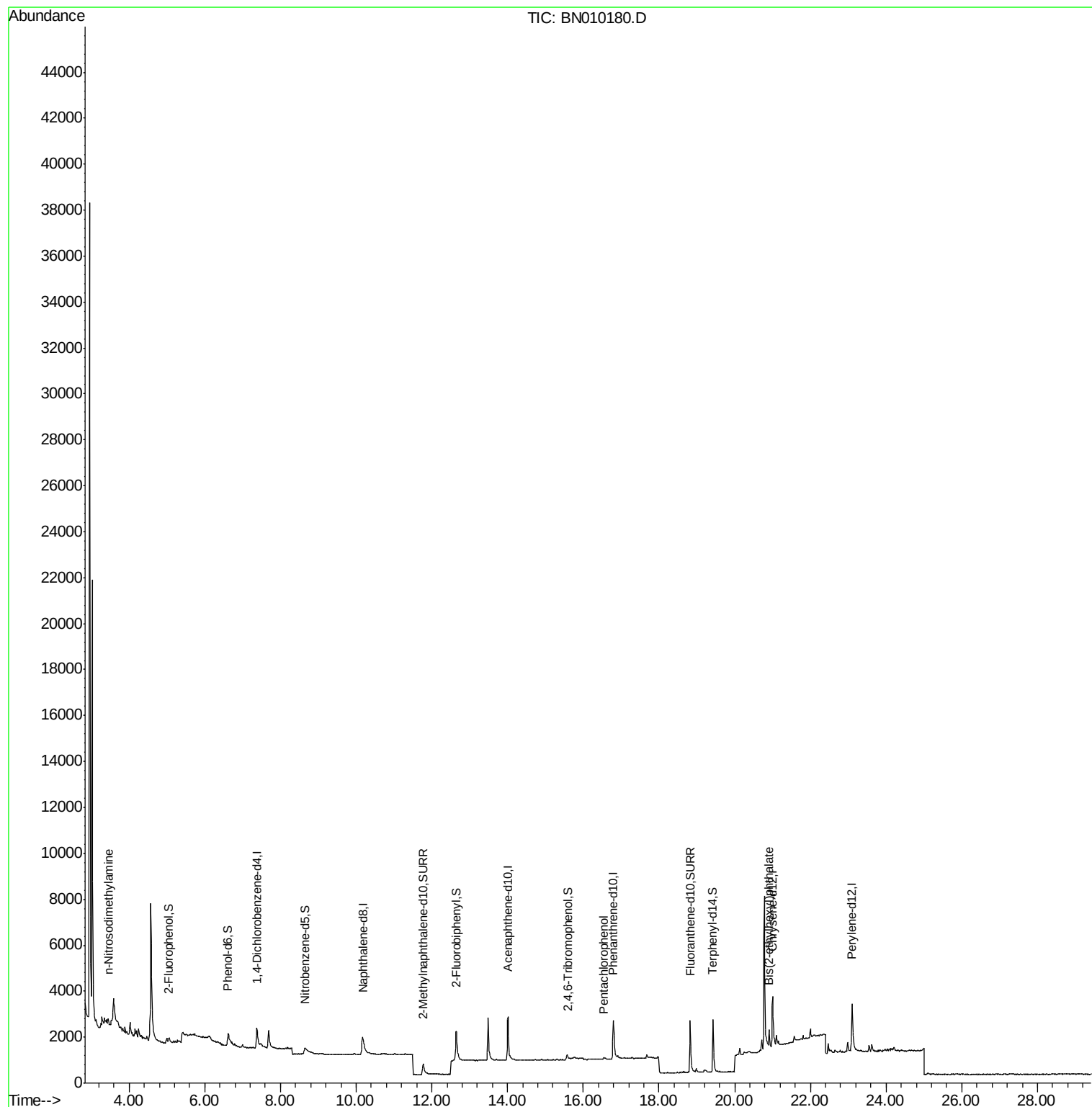
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	763	0.40	ng	-0.05
7) Naphthalene-d8	10.18	136	2300	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1715	0.40	ng	-0.05
19) Phenanthrene-d10	16.79	188	4019	0.40	ng	-0.03
27) Chrysene-d12	21.01	240	3411	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3688	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	345	0.20	ng	-0.02
5) Phenol-d6	6.60	99	285	0.14	ng	-0.05
8) Nitrobenzene-d5	8.66	82	628	0.33	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1480	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.58	330	233	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	2195	0.34	ng	-0.04
25) Fluoranthene-d10	18.83	212	3891	0.28	ng	-0.03
29) Terphenyl-d14	19.43	244	3569	0.44	ng	-0.05
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	41	0.032	ng	# 1
20) 4-Bromophenyl-phenylether	16.01	248	44	Below Cal		# 67
22) Pentachlorophenol	16.54	266	9	0.189	ng	# 78
32) Bis(2-ethylhexyl)phthalate	20.91	149	741	0.134	ng	92

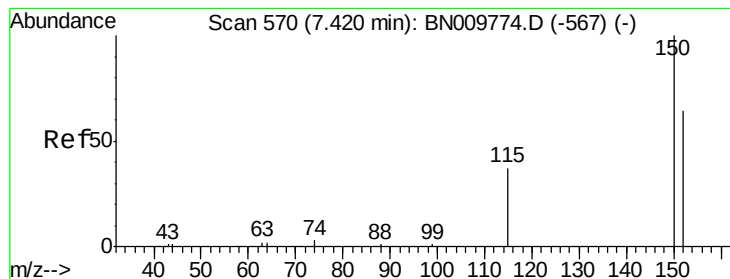
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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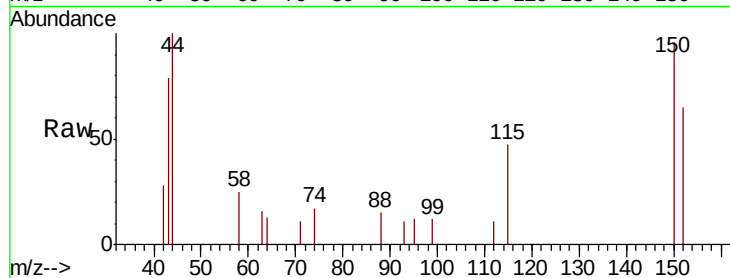


#1

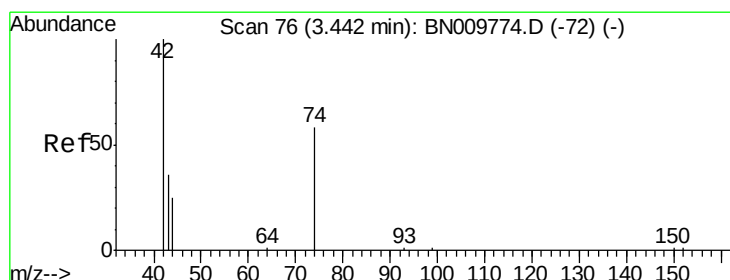
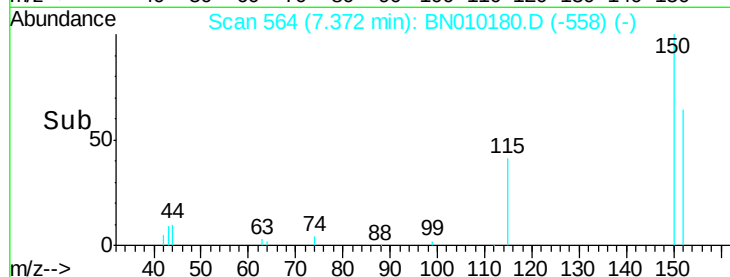
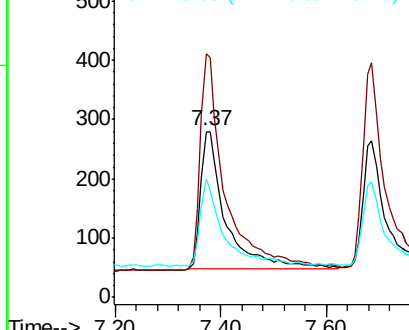
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305

Tot Ion:152 Resp: 763
Ion Ratio Lower Upper
152 100
150 146.8 120.6 181.0
115 71.4 51.2 76.8



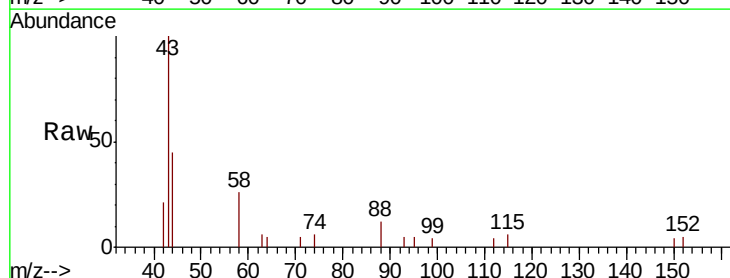
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



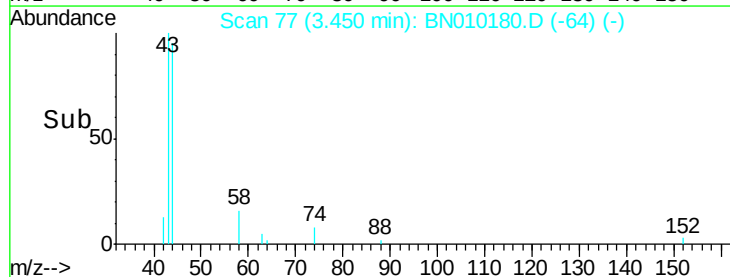
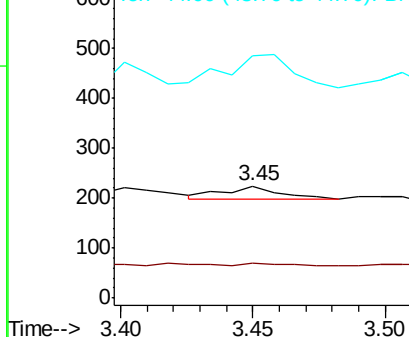
#3

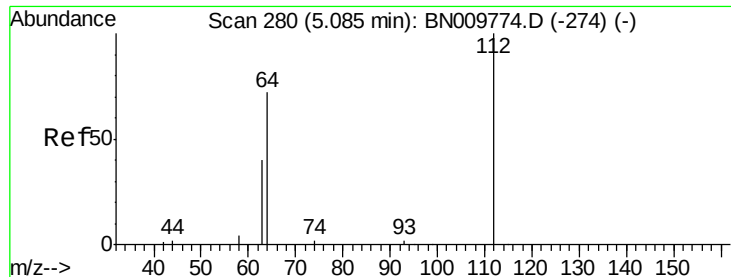
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.45 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Tgt Ion: 42 Resp: 41
Ion Ratio Lower Upper
42 100
74 19.5 51.2 76.8#
44 312.2 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: 0.203 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

ClientSampleId :

RE134D2-20200305

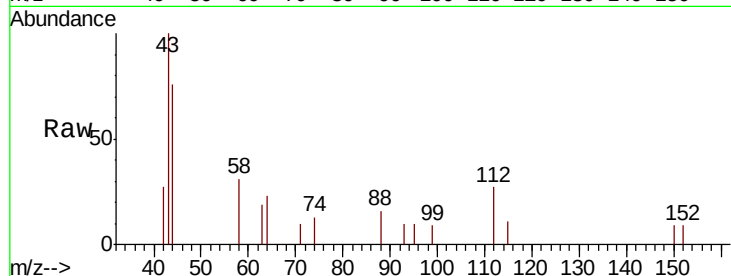
Tot Ion: 112 Resp: 345

Ion Ratio Lower Upper

112 100

64 81.4 65.8 98.6

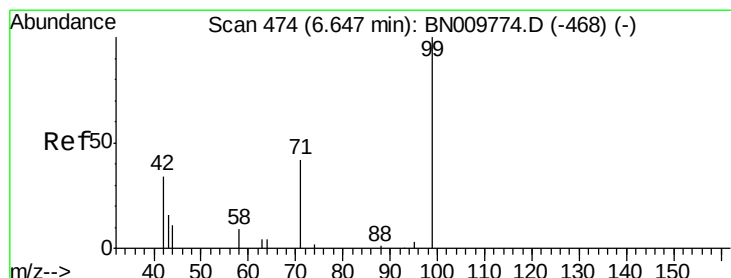
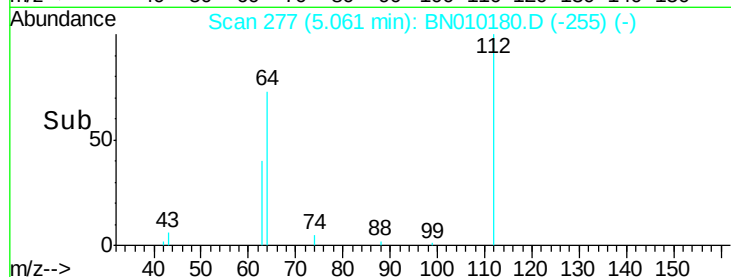
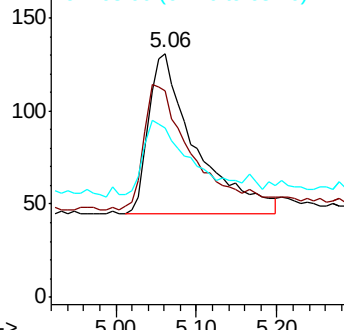
63 45.8 38.7 58.1



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: 0.138 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.05 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

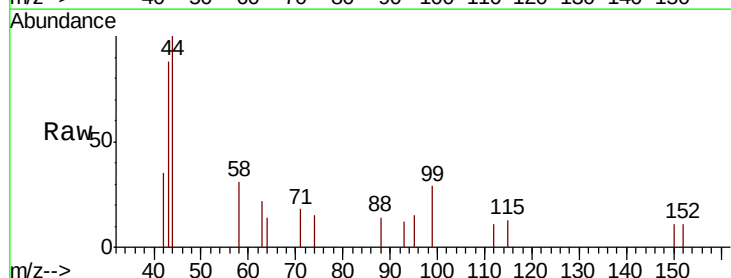
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 59.3 30.8 46.2#

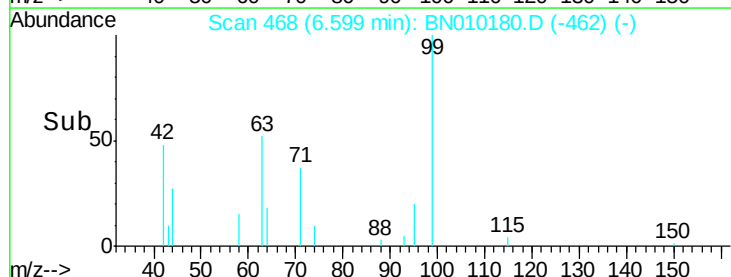
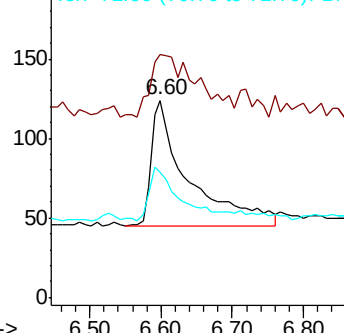
71 43.9 34.9 52.3

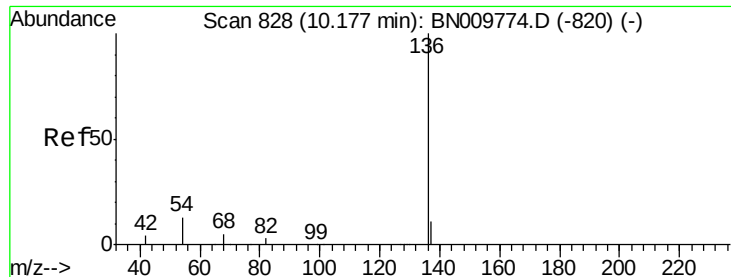


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.18 min Scan# 828

Delta R.T. 0.00 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

ClientSampleId :

RE134D2-20200305

Tot Ion:136 Resp: 2300

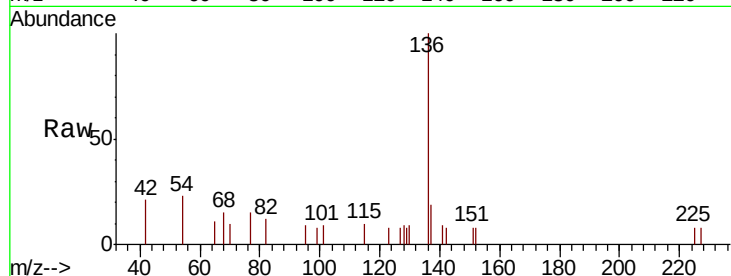
Ion Ratio Lower Upper

136 100

137 19.4 11.3 16.9#

54 22.6 13.4 20.2#

68 14.6 7.0 10.4#

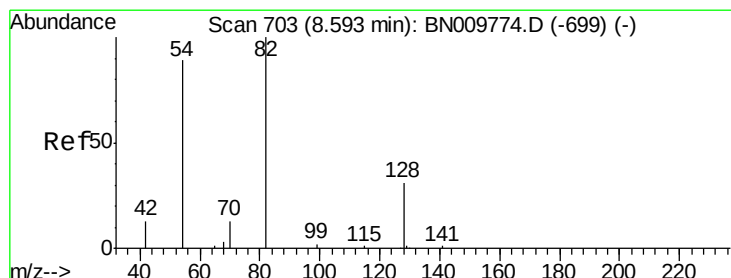
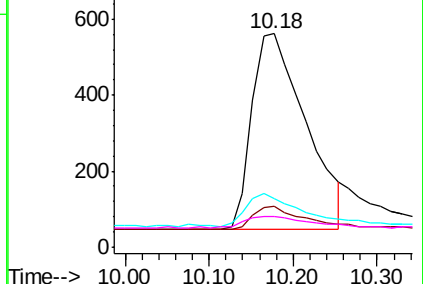
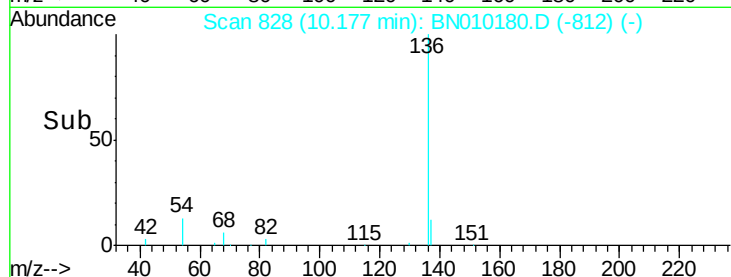


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.328 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

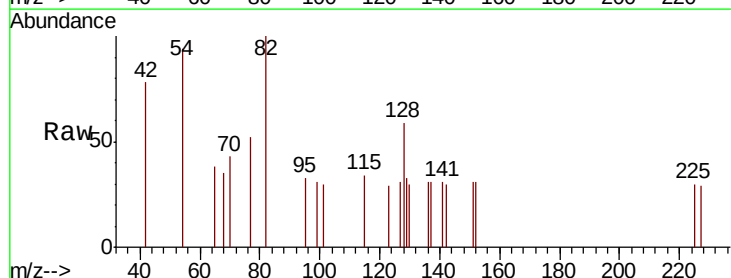
Tgt Ion: 82 Resp: 628

Ion Ratio Lower Upper

82 100

128 59.5 32.5 48.7#

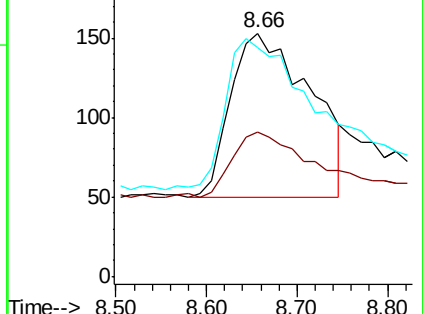
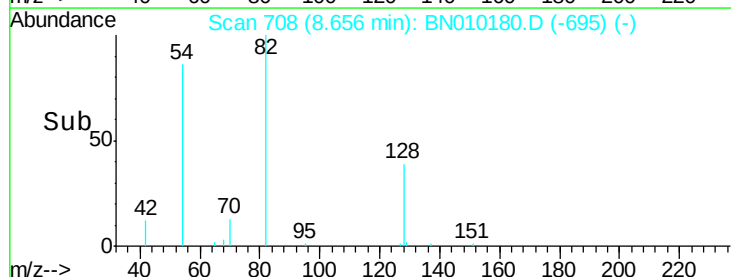
54 94.1 73.5 110.3

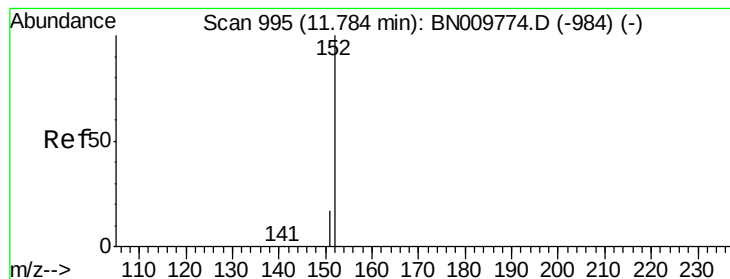


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 11.77 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

ClientSampleId :

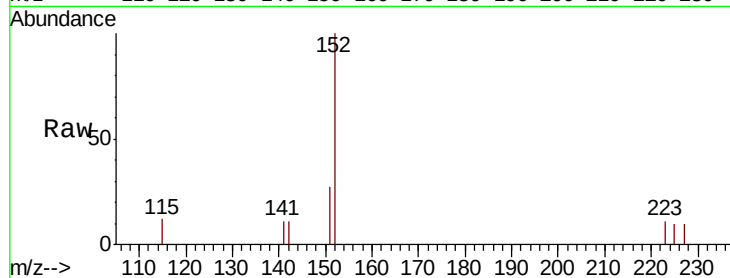
RE134D2-20200305

Tot Ion:152 Resp: 1480

Ion Ratio Lower Upper

152 100

151 18.0 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

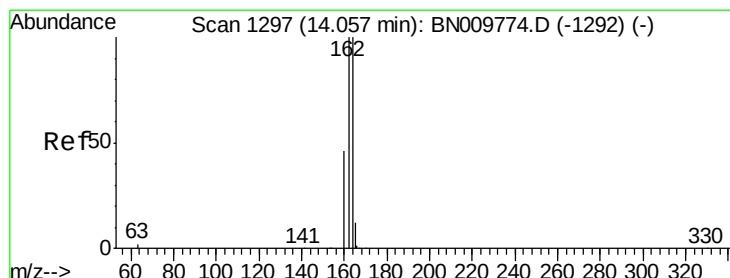
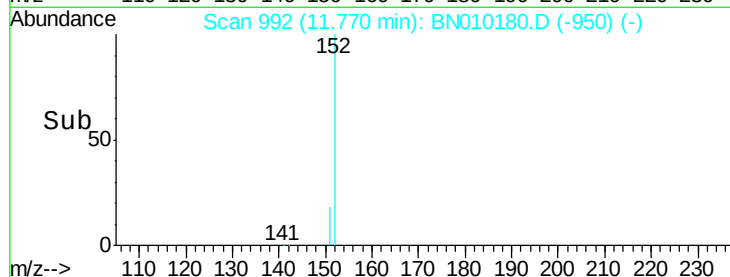
300

200

100

0

Time--> 11.60 11.80 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

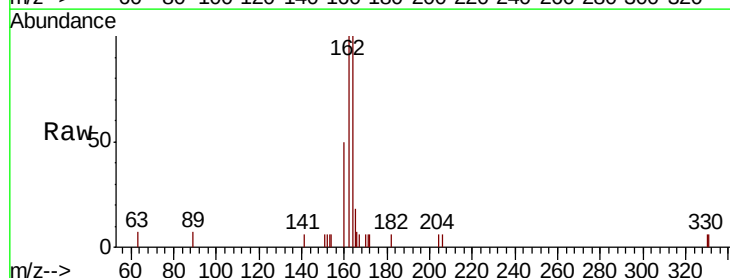
Tgt Ion:164 Resp: 1715

Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

160 49.8 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

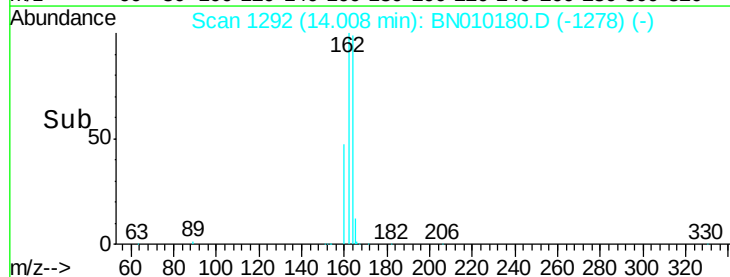
600

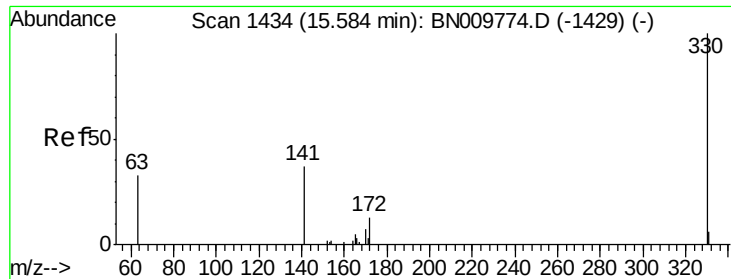
400

200

0

Time--> 14.00 14.20

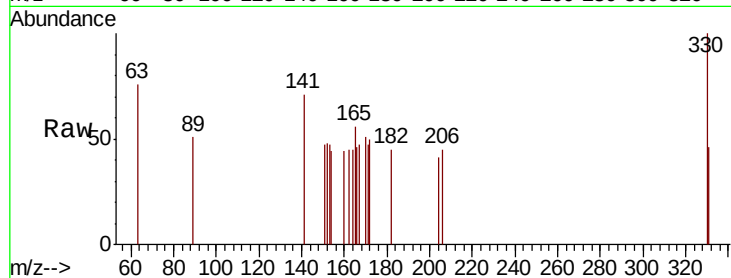




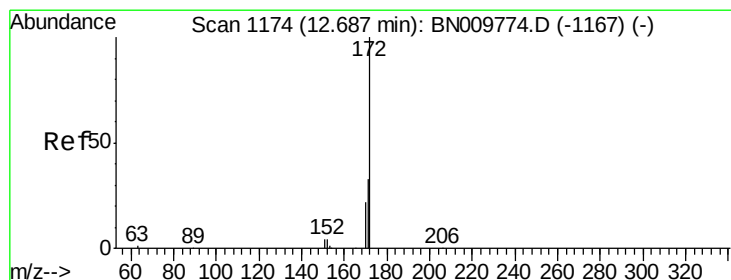
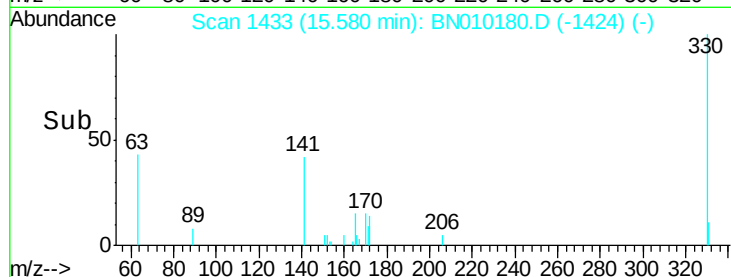
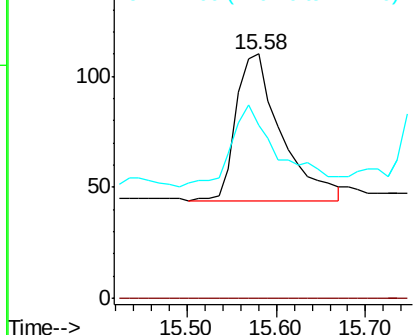
#14
 2,4,6-Tribromophenol
 Concen: 0.353 ng
 RT: 15.58 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305

Tot Ion:330 Resp: 233
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 59.2 36.8 55.2#

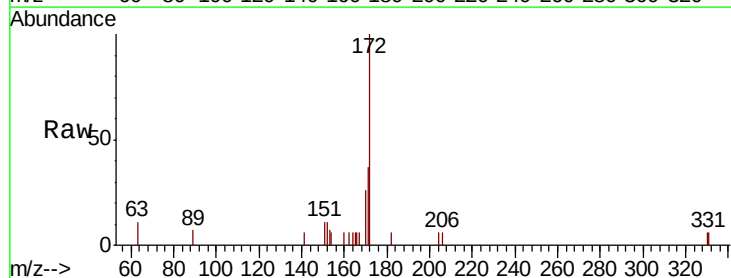


Abundance Ion 330.00 (329.70 to 330.70): E
 150 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

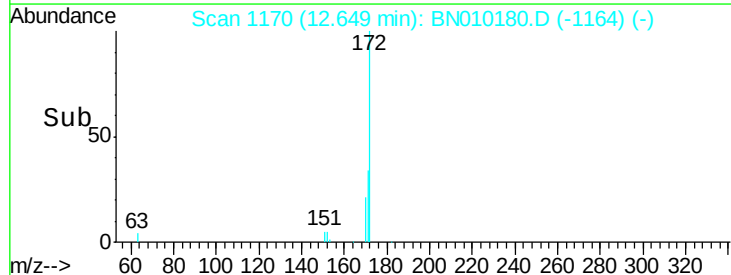
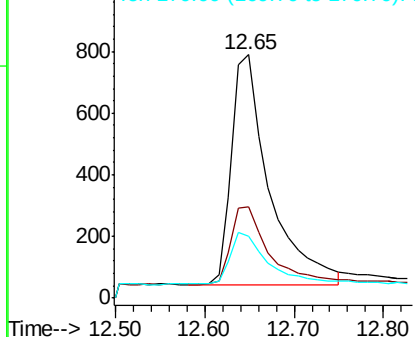


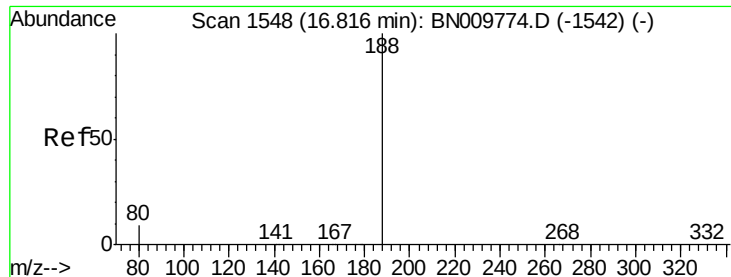
#15
 2-Fluorobiphenyl
 Concen: 0.339 ng
 RT: 12.65 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Tgt Ion:172 Resp: 2195
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.7 43.1
 170 25.6 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: 16.79 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

ClientSampleId :

RE134D2-20200305

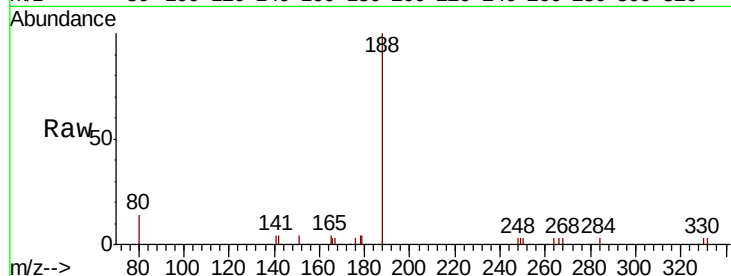
Tot Ion:188 Resp: 4019

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

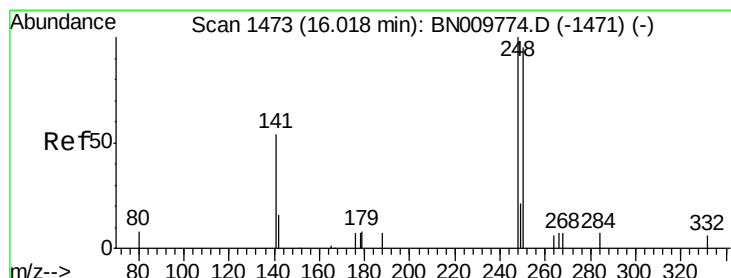
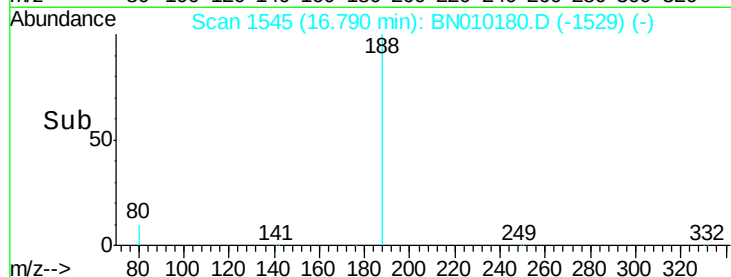
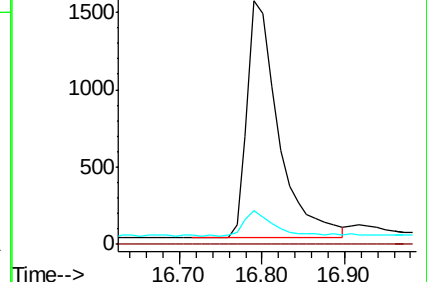
80 13.7 8.3 12.5#



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: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

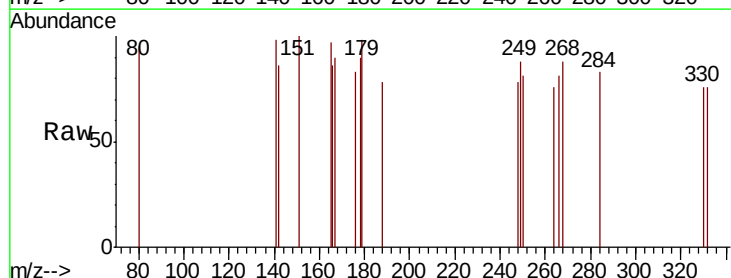
Tgt Ion:248 Resp: 44

Ion Ratio Lower Upper

248 100

250 104.3 76.2 114.4

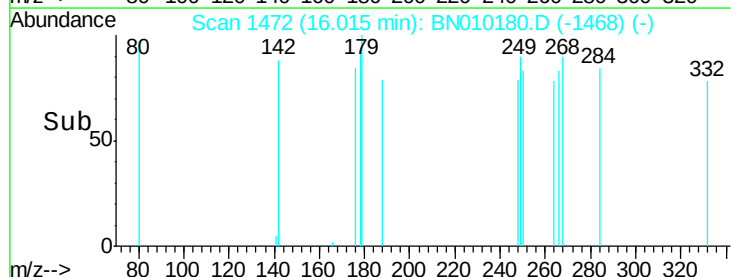
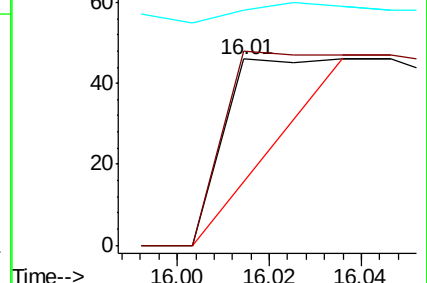
141 126.1 57.8 86.6#

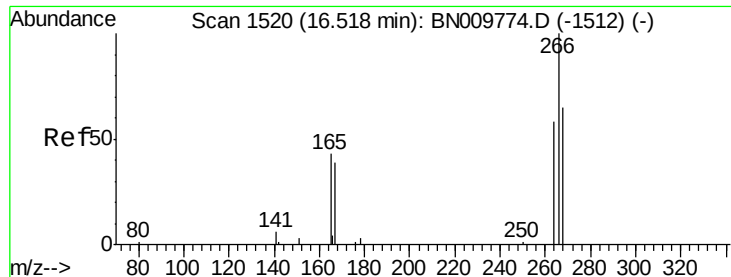


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

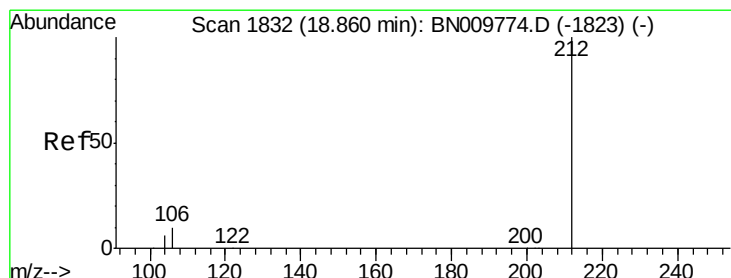
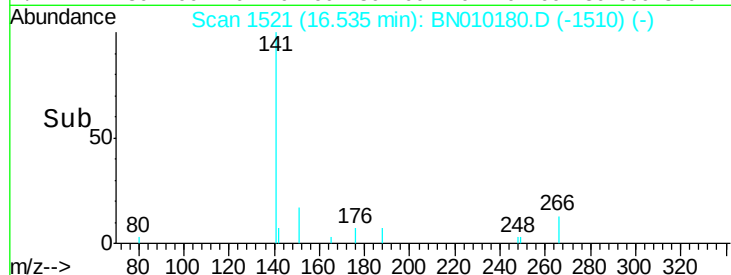
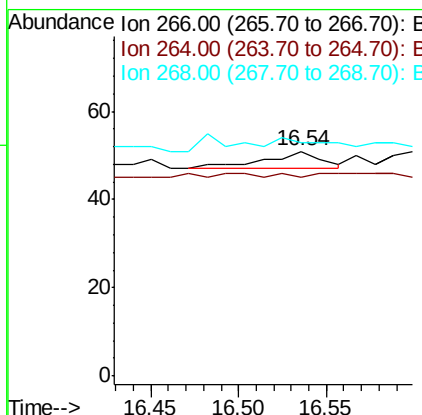
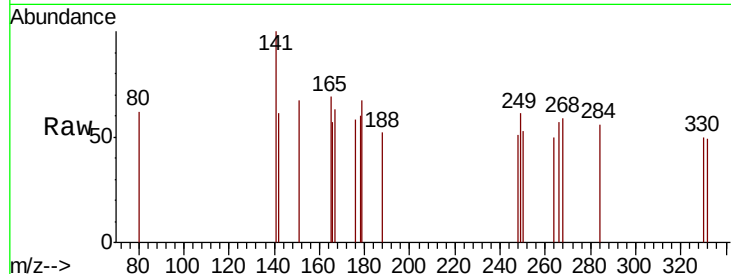




#22
 Pentachlorophenol
 Concen: 0.189 ng
 RT: 16.54 min Scan# 1521
 Delta R.T. 0.02 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

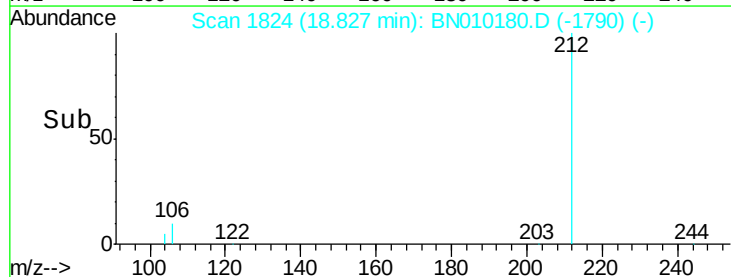
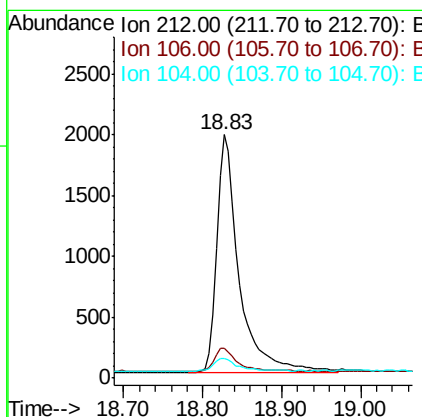
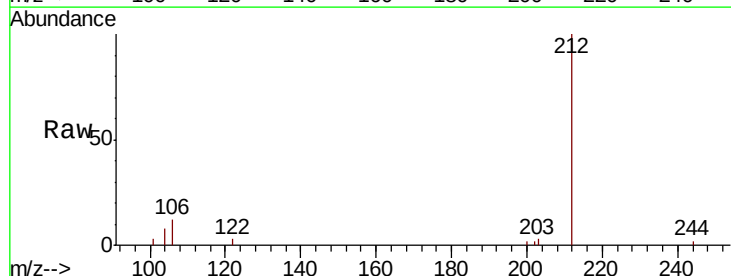
Instrument :
 BNA_N
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 RE134D2-20200305

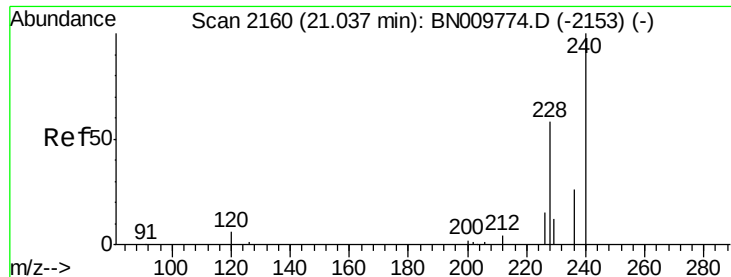
Tot Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 88.2 58.1 87.1#
 268 103.9 65.7 98.5#



#25
 Fluoranthene-d10
 Concen: 0.280 ng
 RT: 18.83 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Tgt Ion:212 Resp: 3891
 Ion Ratio Lower Upper
 212 100
 106 10.7 8.4 12.6
 104 5.8 4.8 7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

ClientSampleId :

RE134D2-20200305

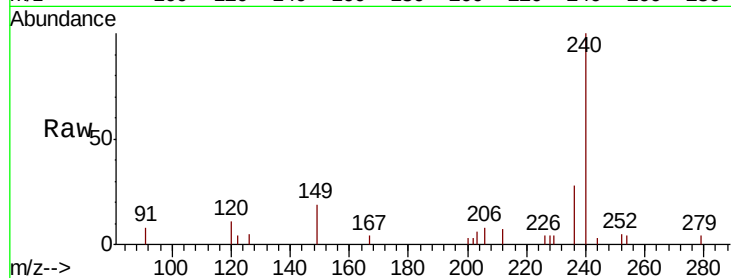
Tot Ion:240 Resp: 3411

Ion Ratio Lower Upper

240 100

120 11.5 7.9 11.9

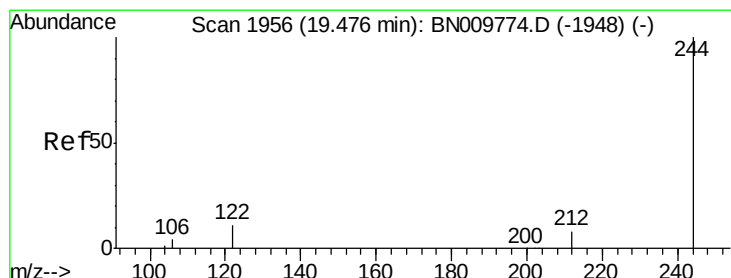
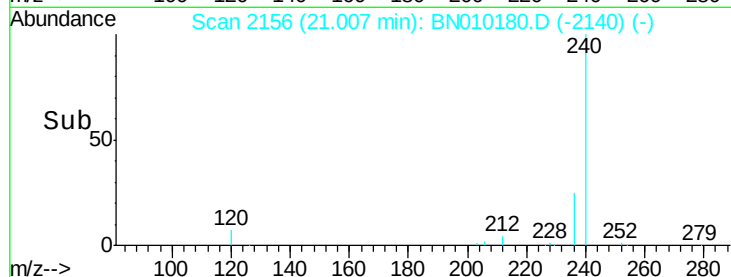
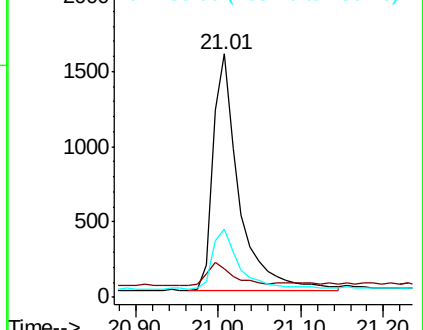
236 28.1 22.0 33.0



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: 0.438 ng

RT: 19.43 min Scan# 1945

Delta R.T. -0.05 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

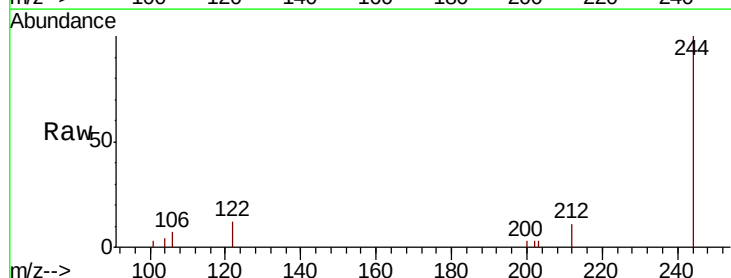
Tgt Ion:244 Resp: 3569

Ion Ratio Lower Upper

244 100

212 11.0 8.0 12.0

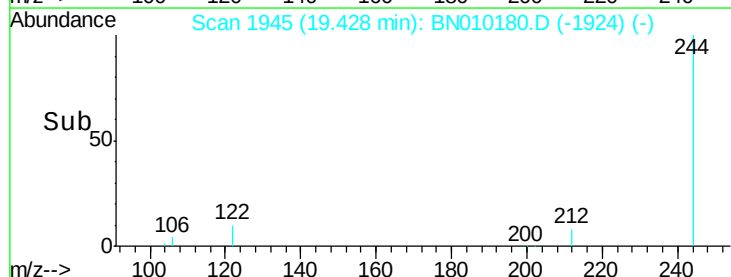
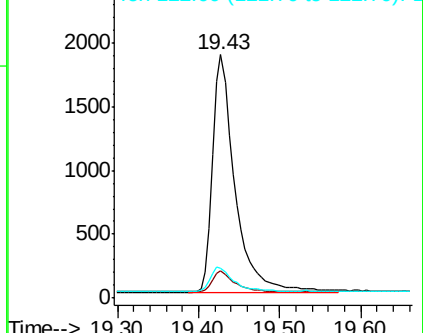
122 12.4 10.0 15.0

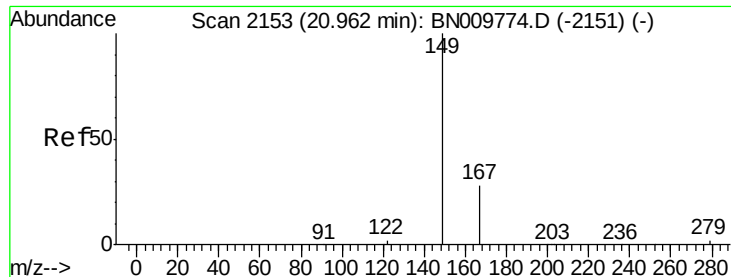


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

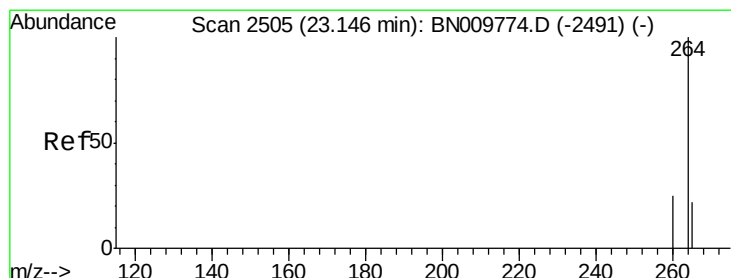
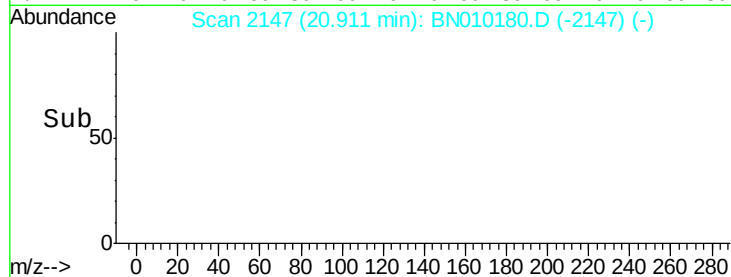
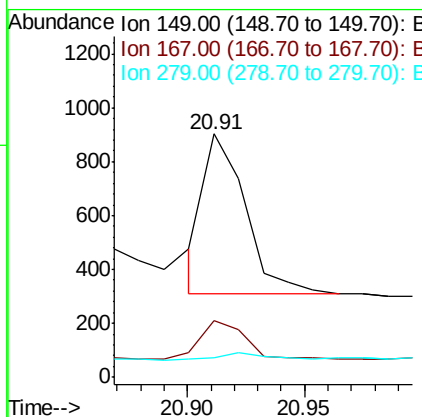
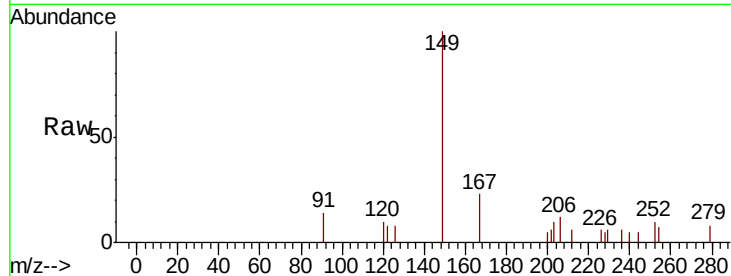




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 20.91 min Scan# 2147
 Delta R.T. -0.05 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305

Tot Ion:149 Resp: 741
 Ion Ratio Lower Upper
 149 100
 167 23.8 22.7 34.1
 279 3.4 3.1 4.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.04 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Tgt Ion:264 Resp: 3688
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.1 31.7
 265 70.4 57.5 86.3

