

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010186.D
 Acq On : 11 Mar 2020 11:08
 Operator : CG/JU
 Sample : L1842-28
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 13:27:10 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

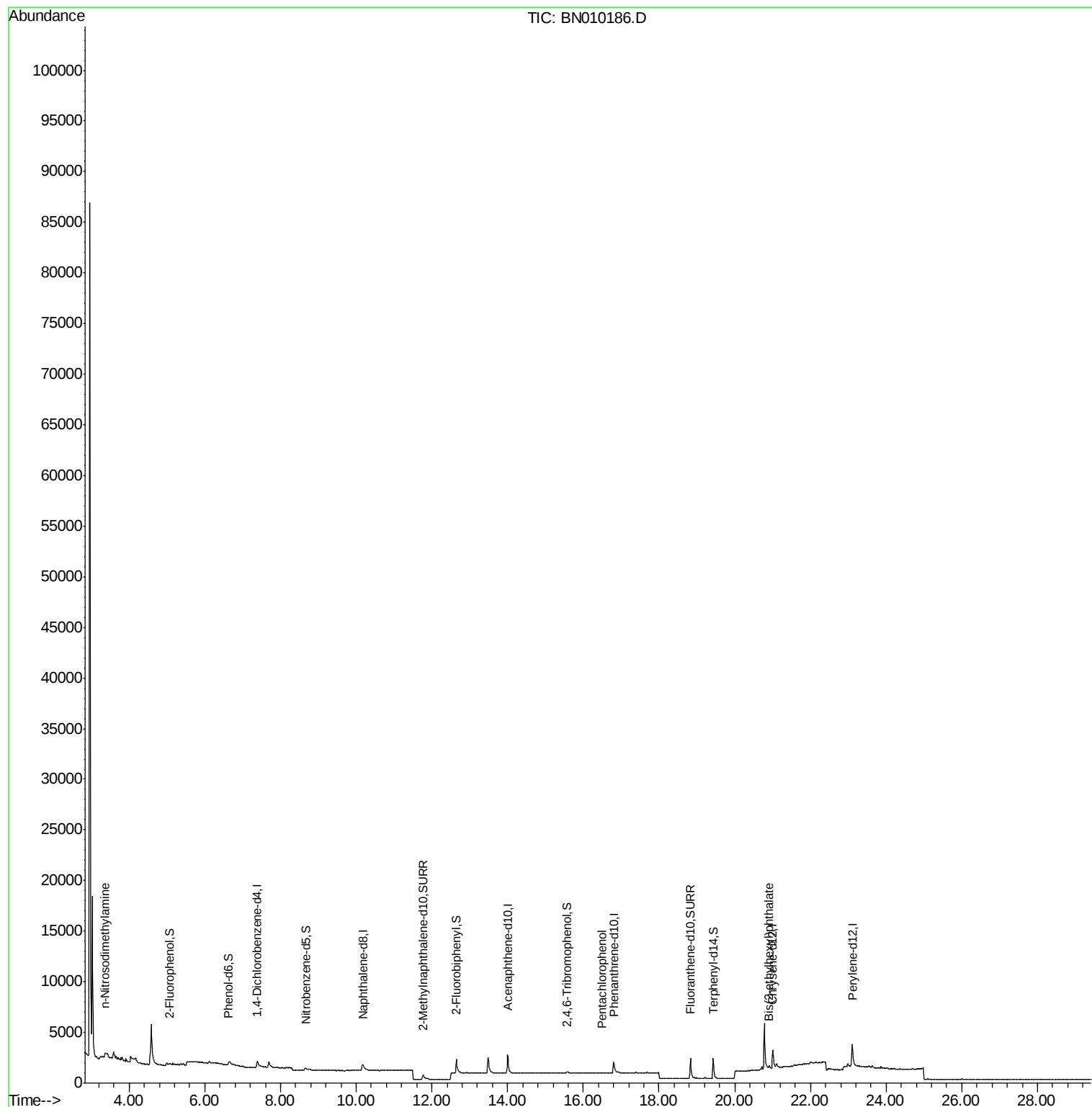
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	702	0.40	ng	-0.03
7) Naphthalene-d8	10.18	136	2065	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1470	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	2858	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3067	0.40	ng	-0.03
34) Perylene-d12	23.10	264	4123	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	294	0.19	ng	-0.02
5) Phenol-d6	6.61	99	220	0.12	ng	-0.03
8) Nitrobenzene-d5	8.67	82	509	0.30	ng	0.08
11) 2-Methylnaphthalene-d10	11.77	152	1360	0.34	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	154	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	2219	0.40	ng	-0.03
25) Fluoranthene-d10	18.83	212	3834	0.39	ng	-0.03
29) Terphenyl-d14	19.43	244	3216	0.44	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.37	42	103	0.087	ng	# 7
20) 4-Bromophenyl-phenylether	16.04	248	145	Below Cal		# 78
22) Pentachlorophenol	16.49	266	5	0.187	ng	# 77
32) Bis(2-ethylhexyl)phthalate	20.91	149	270	0.054	ng	# 87

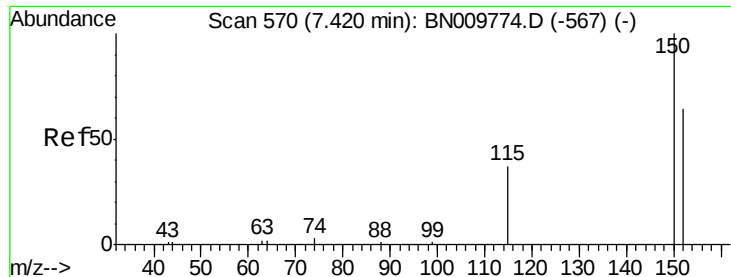
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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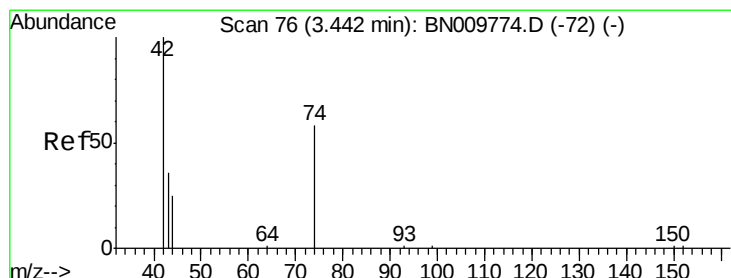
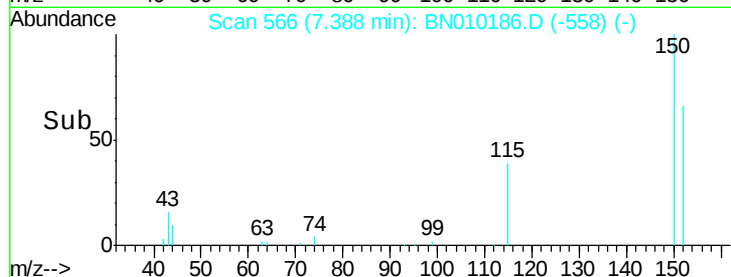
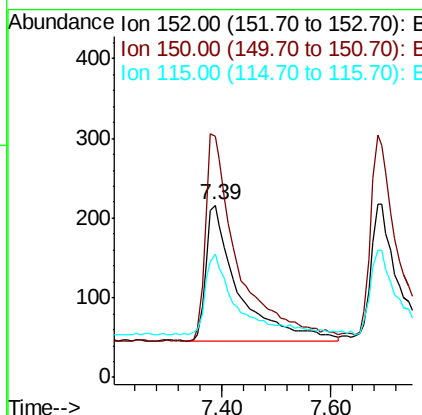
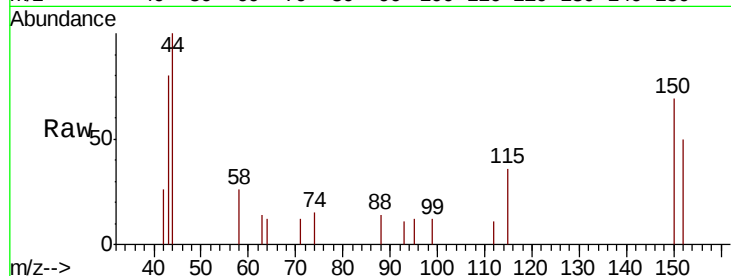


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

Instrument :
BNA_N
ClientSampleId :

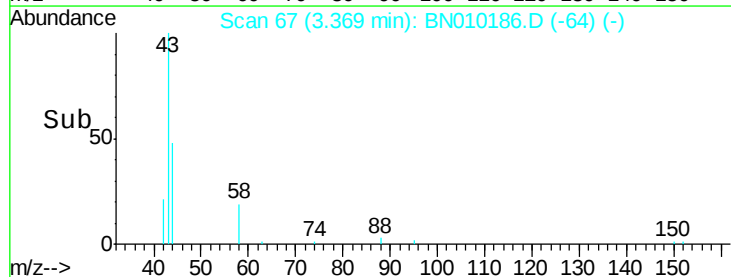
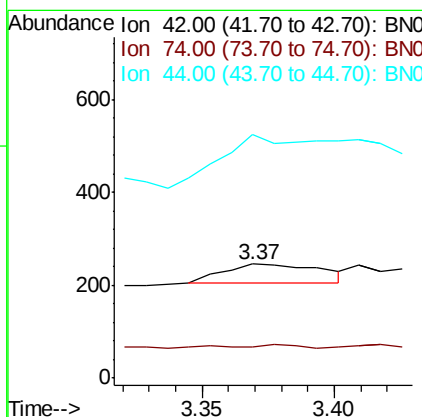
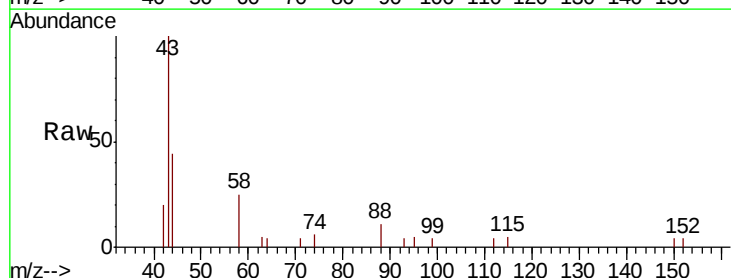
Tot Ion:152 Resp: 702
Ion Ratio Lower Upper
152 100
150 139.8 120.6 181.0
115 71.8 51.2 76.8

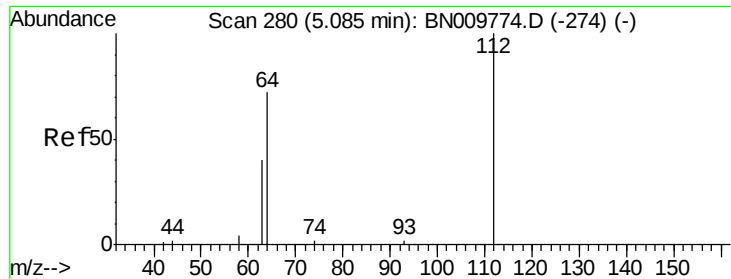


#3

n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.37 min Scan# 67
Delta R.T. -0.07 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

Tgt Ion: 42 Resp: 103
Ion Ratio Lower Upper
42 100
74 5.8 51.2 76.8#
44 151.5 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.188 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

ClientSampleId :

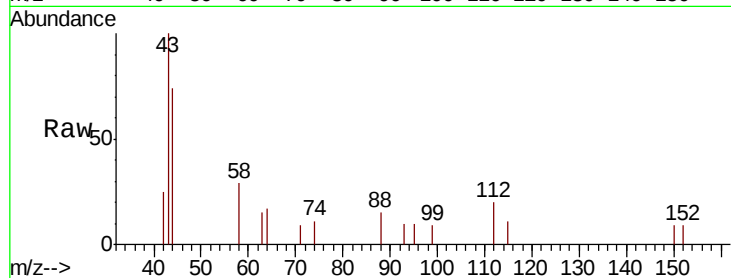
Tot Ion: 112 Resp: 294

Ion Ratio Lower Upper

112 100

64 75.9 65.8 98.6

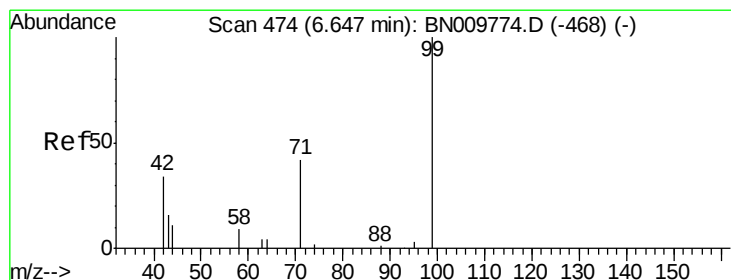
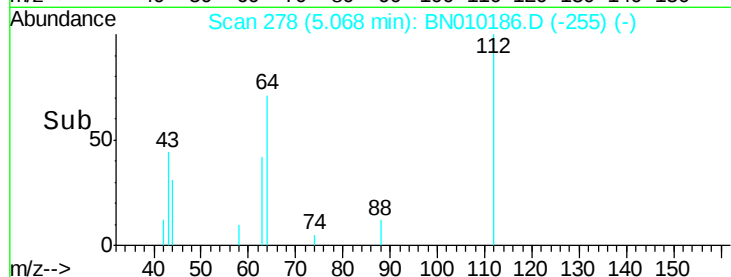
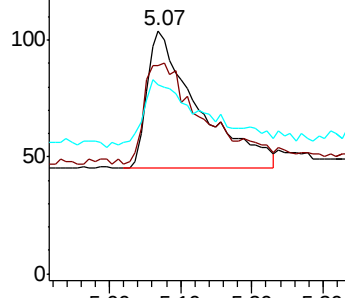
63 52.7 38.7 58.1



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: 0.116 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

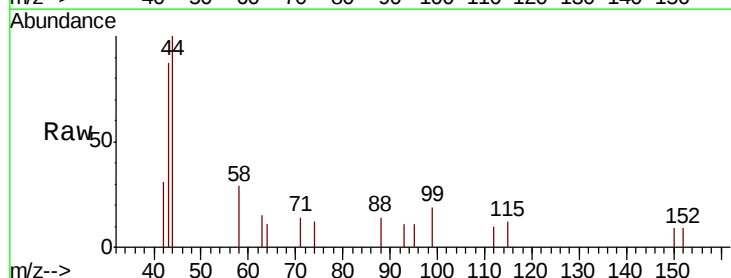
Tgt Ion: 99 Resp: 220

Ion Ratio Lower Upper

99 100

42 31.8 30.8 46.2

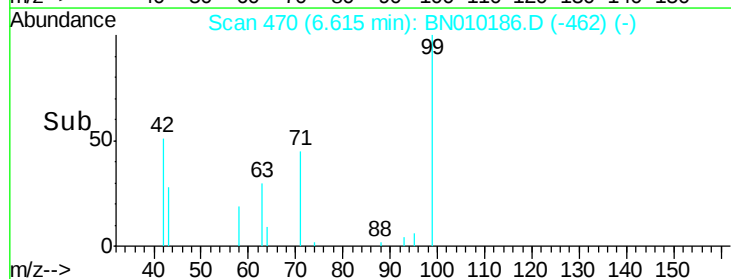
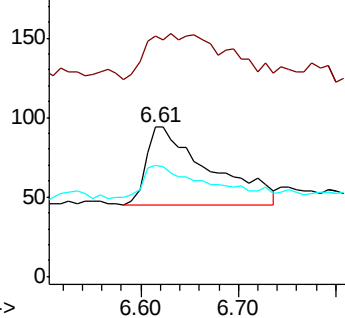
71 43.2 34.9 52.3

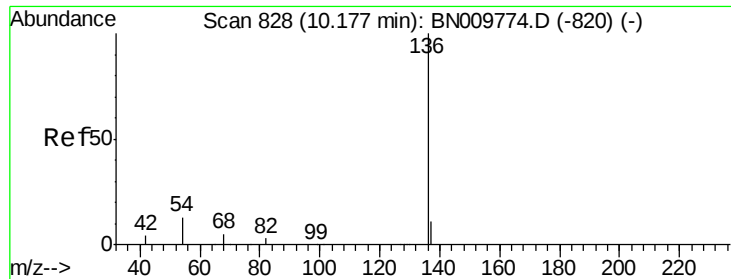


Abundance Ion 99.00 (98.70 to 99.70): BN0

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: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 2065

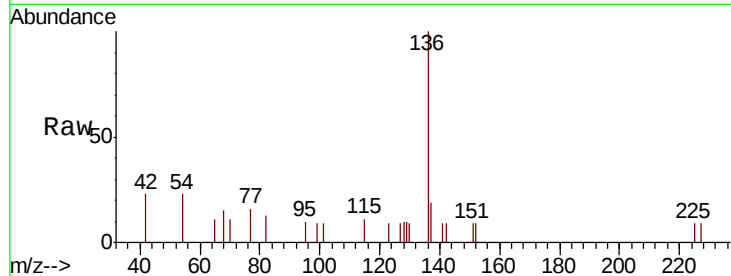
Ion Ratio Lower Upper

136 100

137 18.5 11.3 16.9#

54 23.2 13.4 20.2#

68 14.9 7.0 10.4#

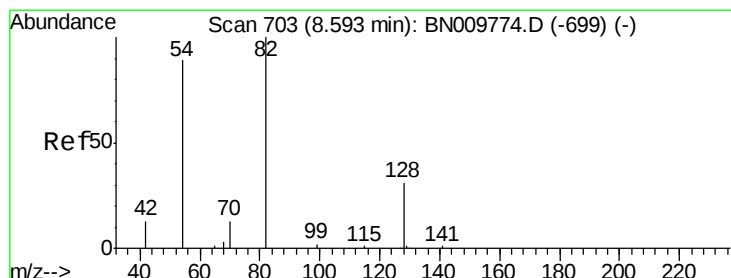
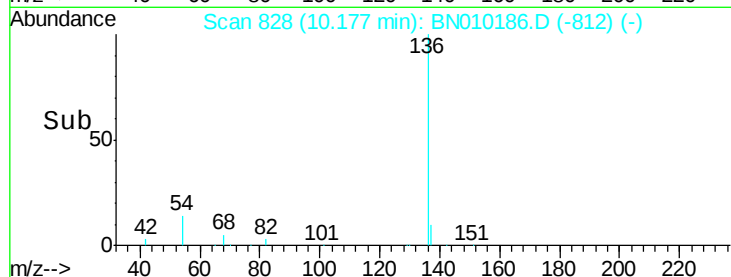
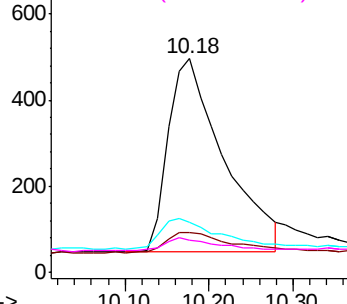


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.296 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.08 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

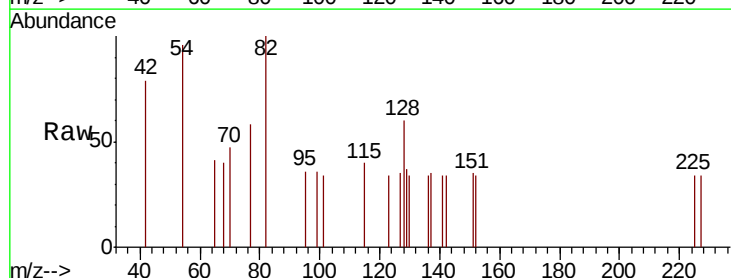
Tgt Ion: 82 Resp: 509

Ion Ratio Lower Upper

82 100

128 59.7 32.5 48.7#

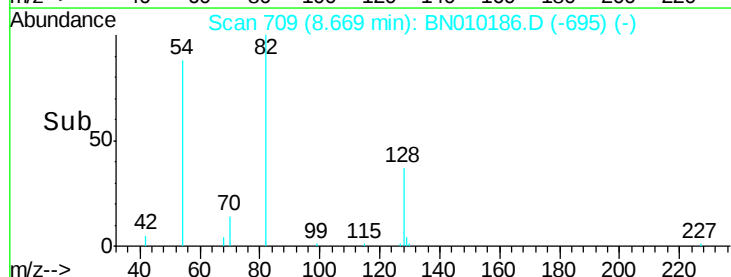
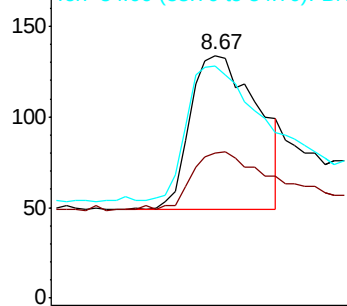
54 95.5 73.5 110.3

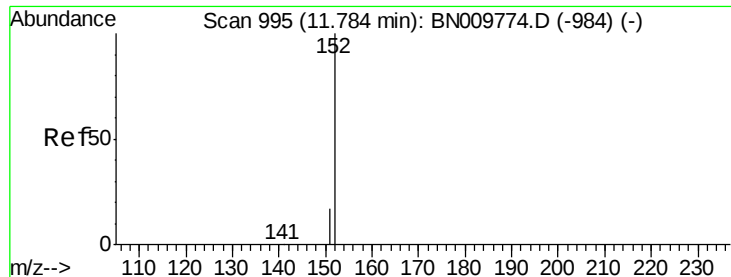


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

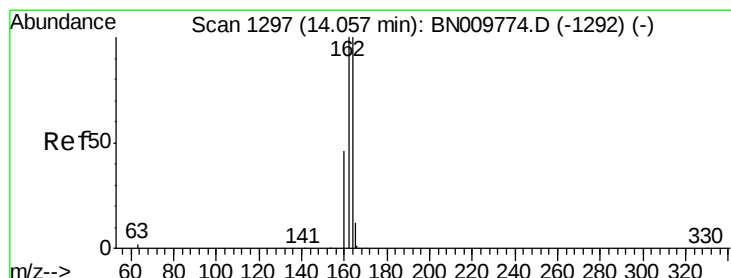
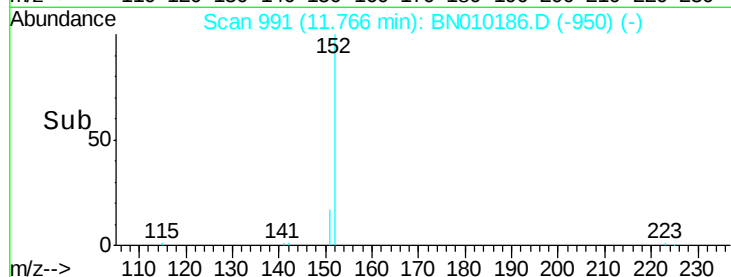
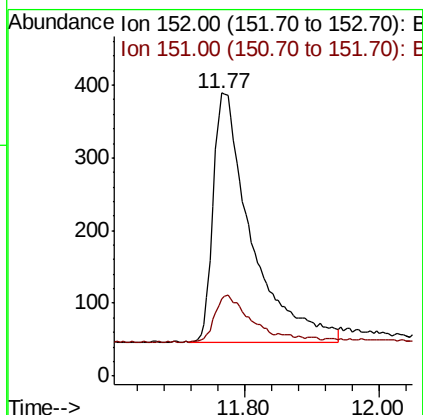
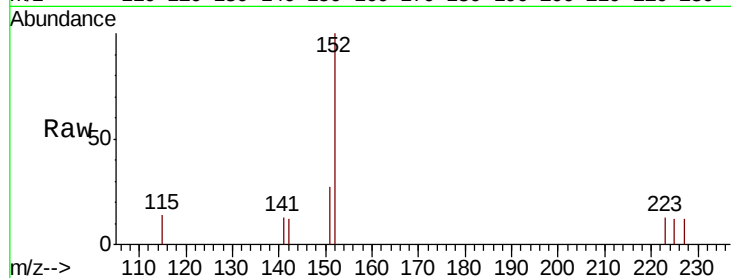




#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.02 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

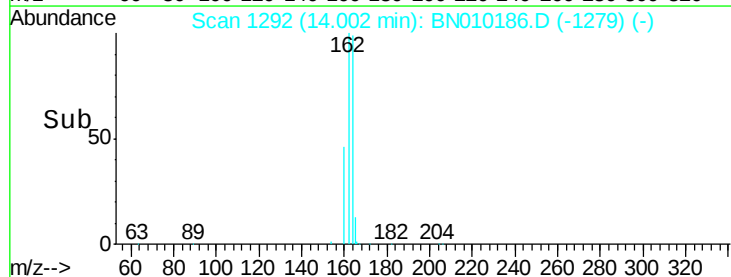
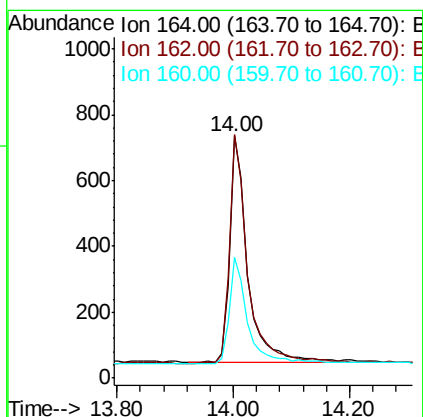
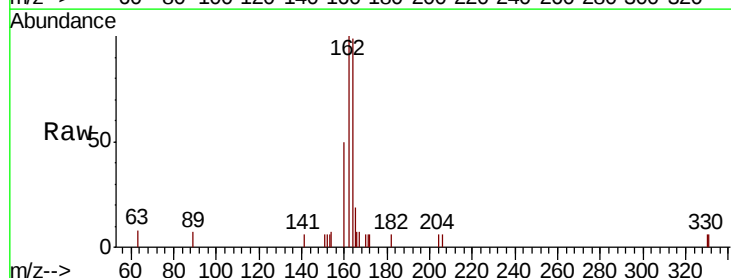
Instrument :
BNA_N
ClientSampleId :

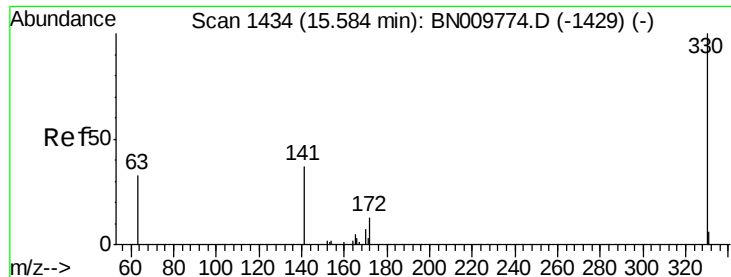
Tot Ion:152 Resp: 1360
Ion Ratio Lower Upper
152 100
151 17.0 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

Tgt Ion:164 Resp: 1470
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 49.9 38.2 57.2

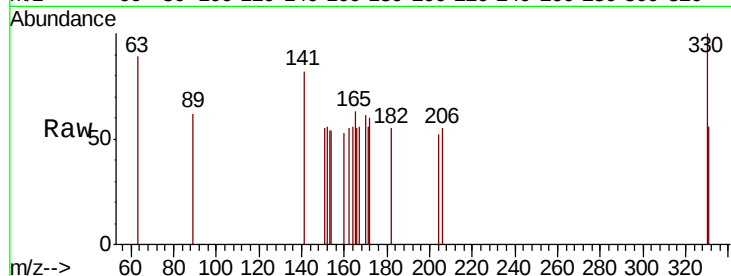




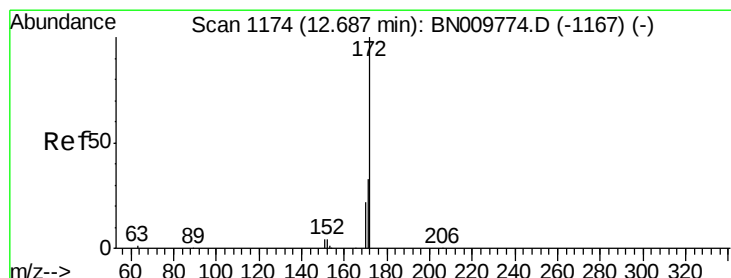
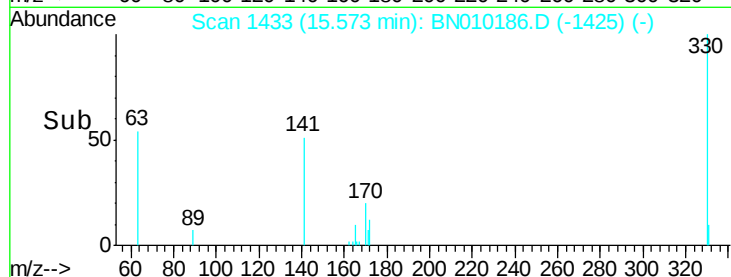
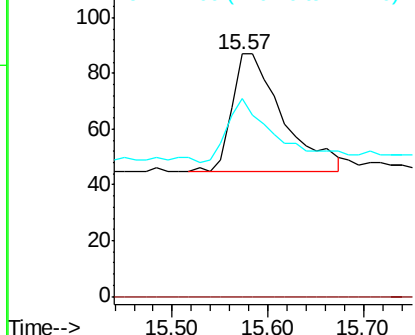
#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 154
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 50.0 36.8 55.2

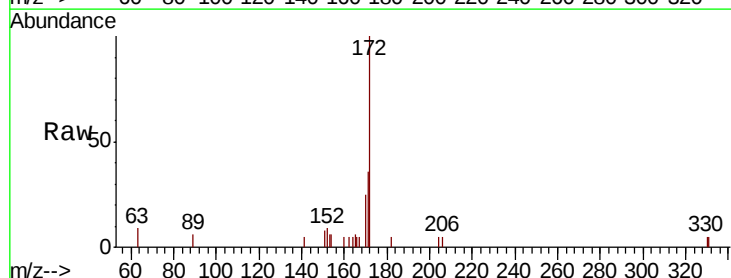


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

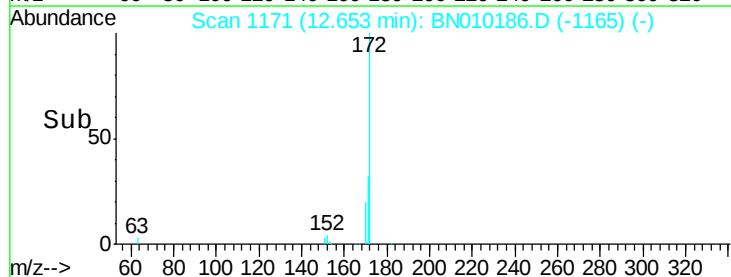
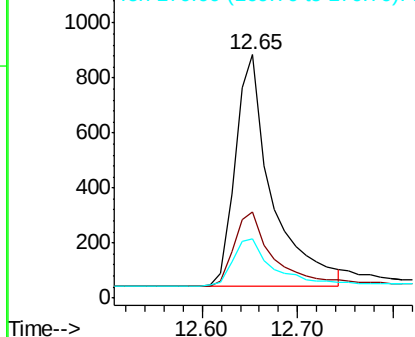


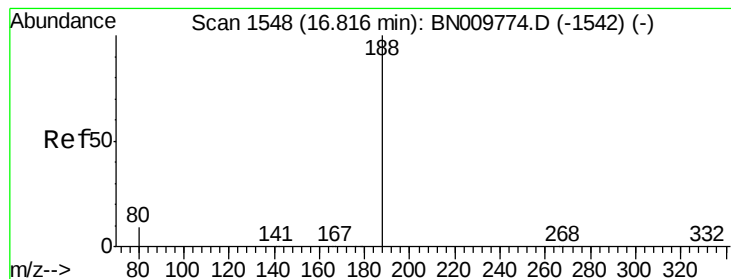
#15
 2-Fluorobiphenyl
 Concen: 0.400 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Tgt Ion:172 Resp: 2219
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 24.5 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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

ClientSampled :

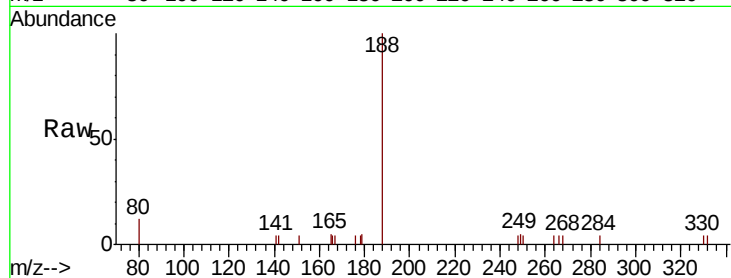
Tot Ion:188 Resp: 2858

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 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

1500

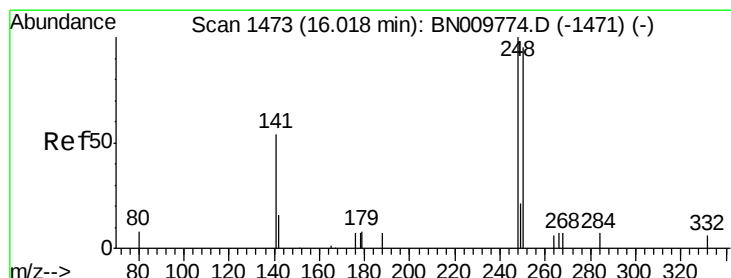
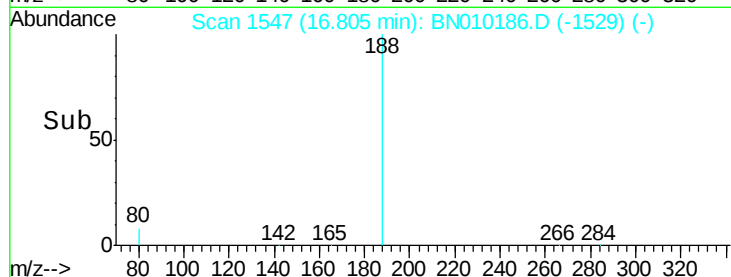
1000

500

0

16.70 16.80 16.90

Time-->



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.04 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

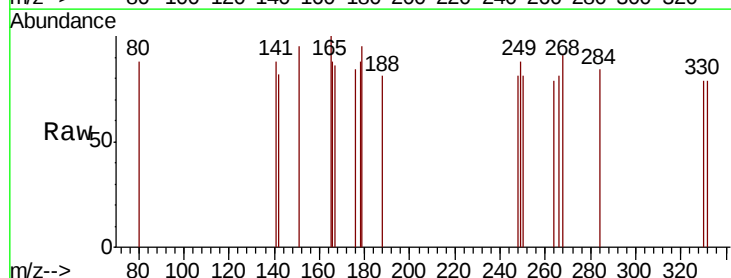
Tgt Ion:248 Resp: 145

Ion Ratio Lower Upper

248 100

250 100.0 76.2 114.4

141 108.7 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

60

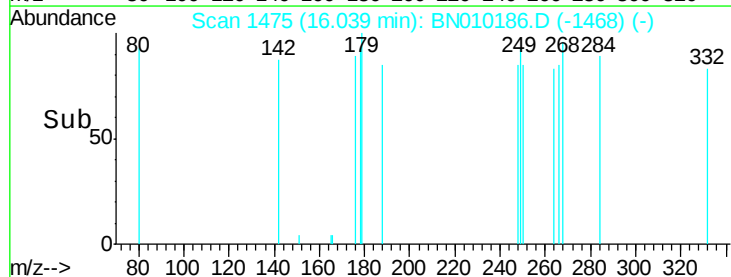
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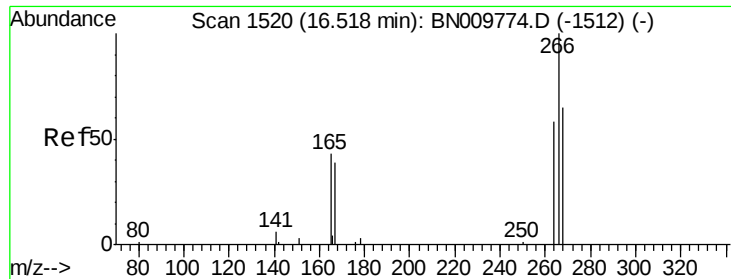
20

0

16.00 16.04 16.08

Time-->

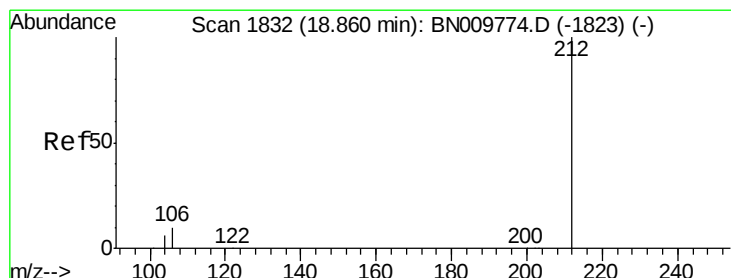
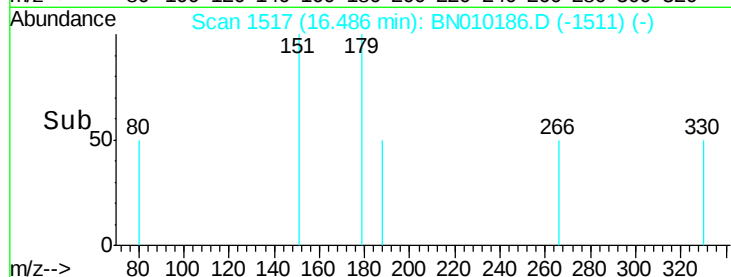
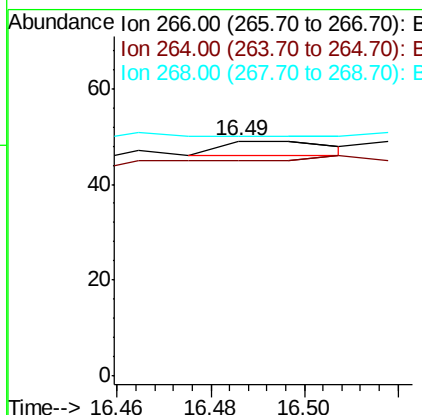
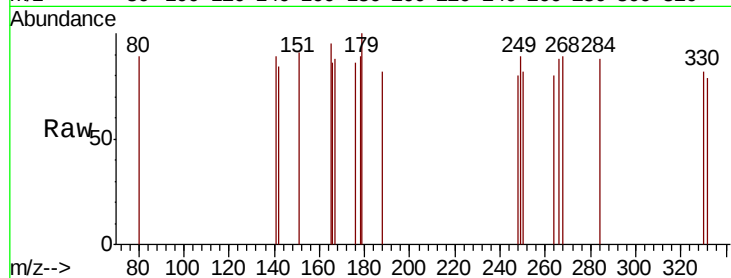




#22
 Pentachlorophenol
 Concen: 0.187 ng
 RT: 16.49 min Scan# 1517
 Delta R.T. -0.03 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

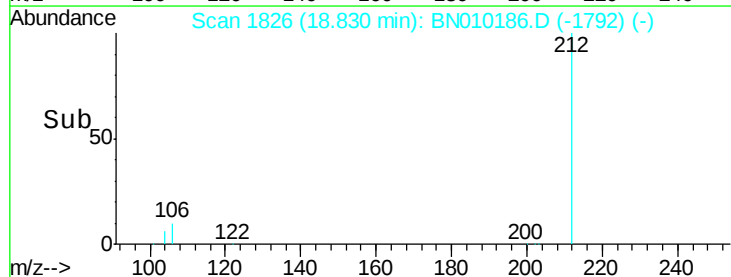
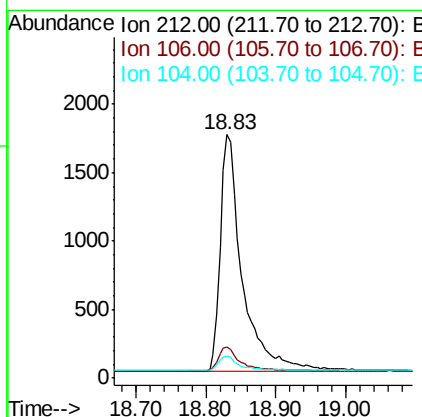
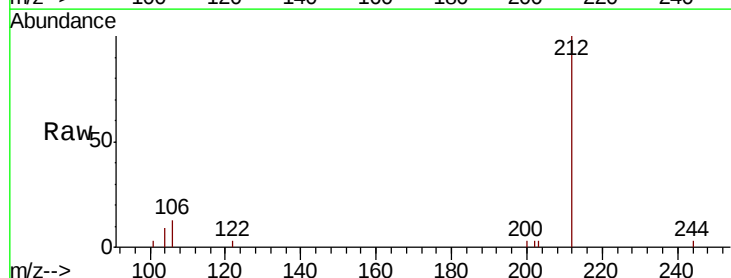
Instrument :
 BNA_N
 ClientSampleId :

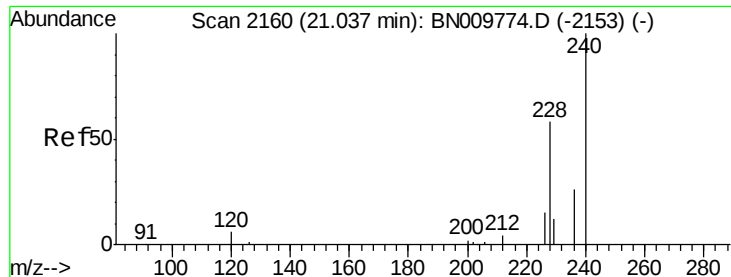
Tot Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 91.8 58.1 87.1#
 268 102.0 65.7 98.5#



#25
 Fluoranthene-d10
 Concen: 0.388 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Tgt Ion:212 Resp: 3834
 Ion Ratio Lower Upper
 212 100
 106 9.4 8.4 12.6
 104 5.4 4.8 7.2

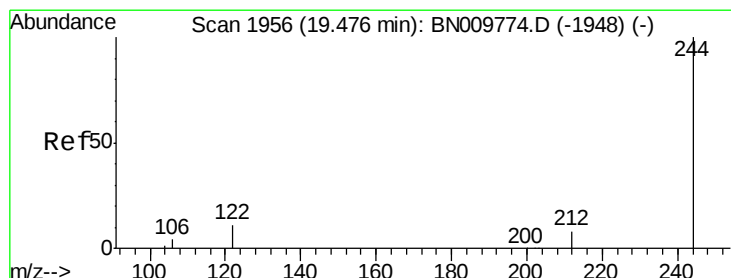
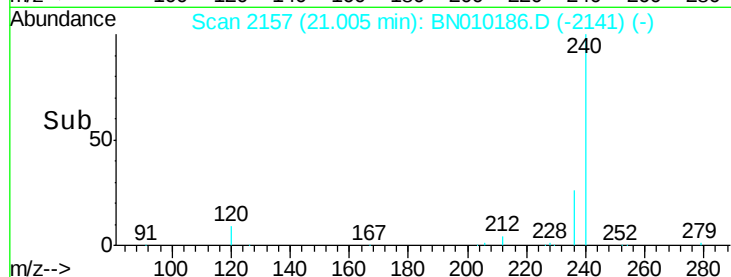
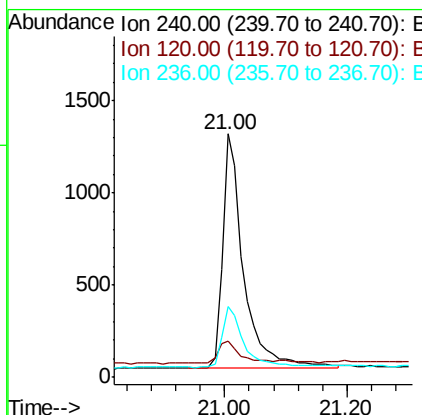
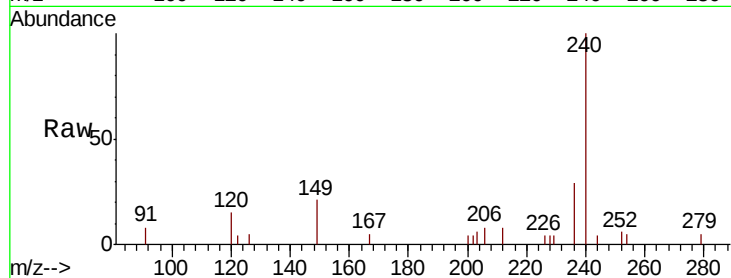




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.03 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

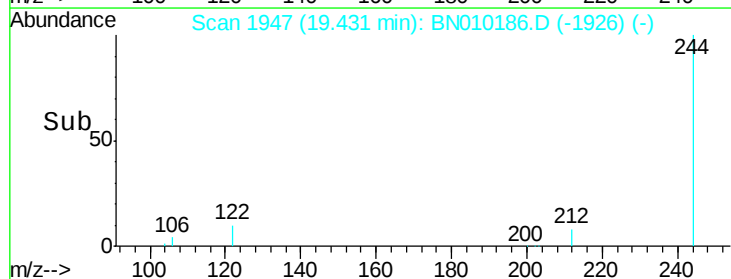
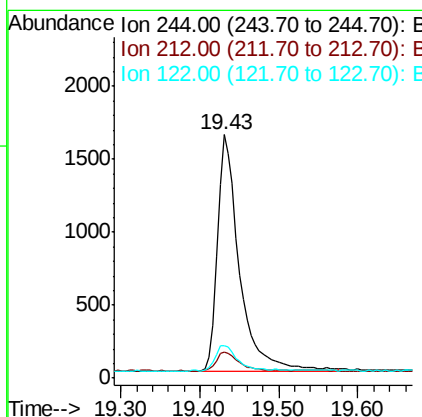
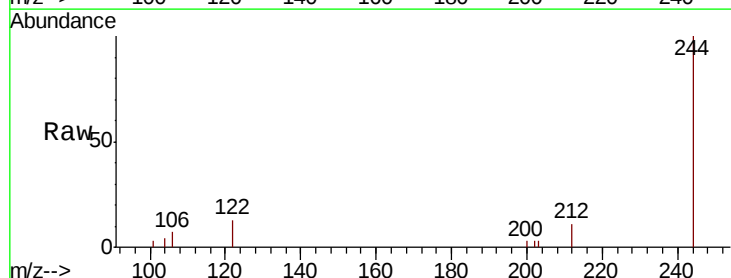
Instrument :
 BNA_N
 ClientSampleId :

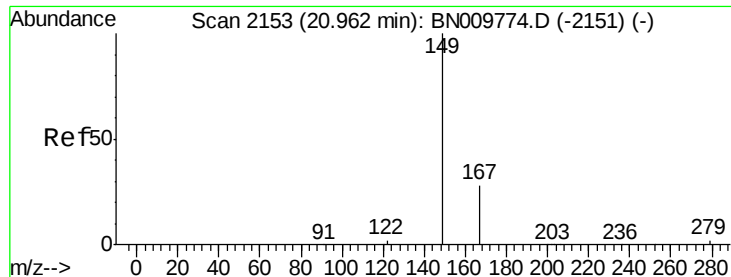
Tot Ion:240 Resp: 3067
 Ion Ratio Lower Upper
 240 100
 120 14.7 7.9 11.9#
 236 29.2 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.43 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Tgt Ion:244 Resp: 3216
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.0 12.0
 122 13.2 10.0 15.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

ClientSampleId :

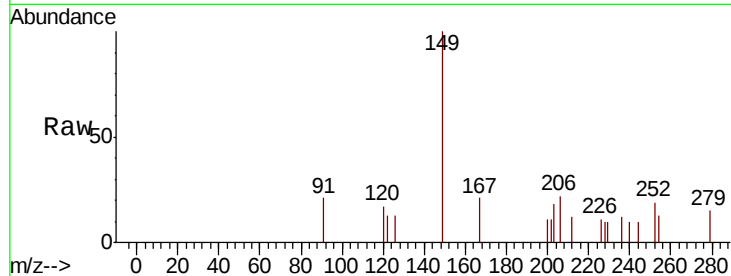
Tot Ion:149 Resp: 270

Ion Ratio Lower Upper

149 100

167 21.1 22.7 34.1#

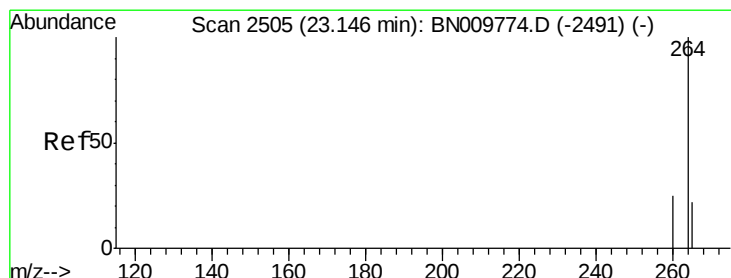
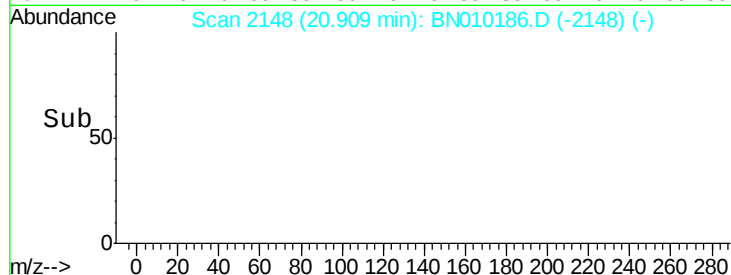
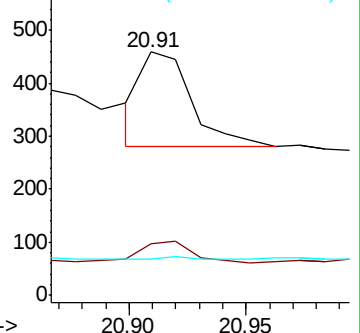
279 2.2 3.1 4.7#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

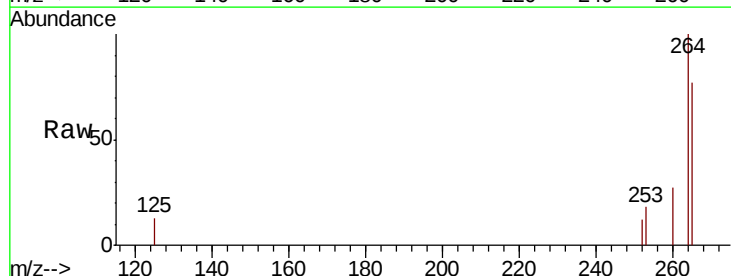
Tgt Ion:264 Resp: 4123

Ion Ratio Lower Upper

264 100

260 27.0 21.1 31.7

265 76.8 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

