

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010319.D
 Acq On : 21 Mar 2020 01:07
 Operator : CG/JU
 Sample : L1992-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 01:48:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4705	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	16881	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	10364	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	24700	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26780	0.40	ng	0.00
34) Perylene-d12	23.35	264	27968	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1660	0.18	ng	0.00
5) Phenol-d6	6.80	99	1300	0.11	ng	0.00
8) Nitrobenzene-d5	8.74	82	6252	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8323	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1158	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	23894	0.60	ng	0.00
25) Fluoranthene-d10	19.02	212	23694	0.32	ng	0.00
29) Terphenyl-d14	19.63	244	30832	0.53	ng	0.00

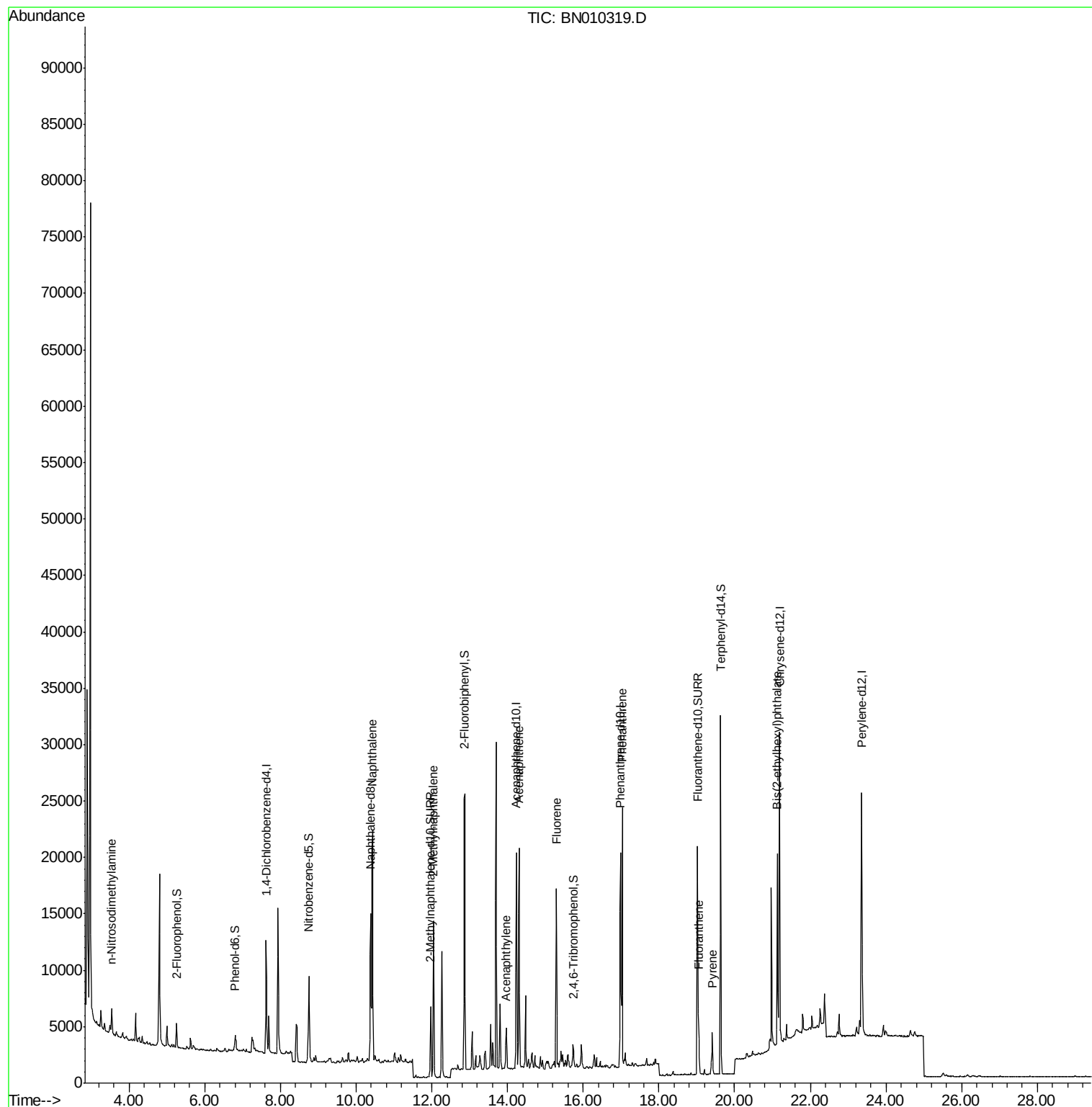
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.54	42	306	0.082	ng	# 1
9) Naphthalene	10.43	128	28397	0.675	ng	100
12) 2-Methylnaphthalene	12.05	142	9804	0.336	ng	99
16) Acenaphthylene	13.96	152	948	0.023	ng	# 1
17) Acenaphthene	14.30	154	8791	0.303	ng	96
18) Fluorene	15.29	166	9999	0.260	ng	99
23) Phenanthrene	17.03	178	25690	0.378	ng	100
26) Fluoranthene	19.05	202	4625	0.056	ng	97
28) Pyrene	19.41	202	3445	0.041	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.13	149	15778	0.548	ng	99

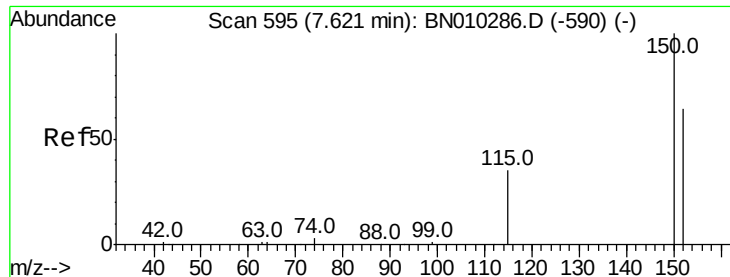
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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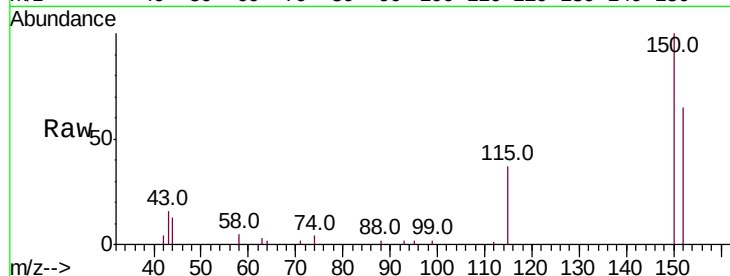


#1

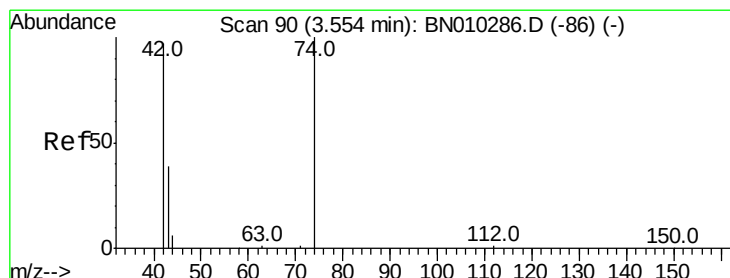
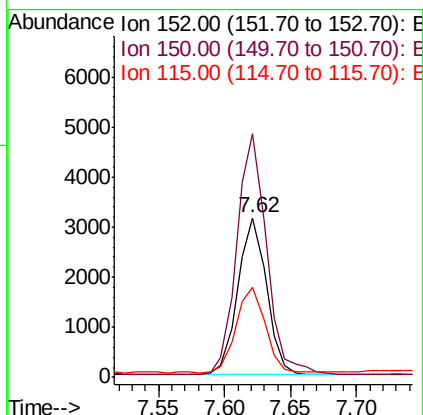
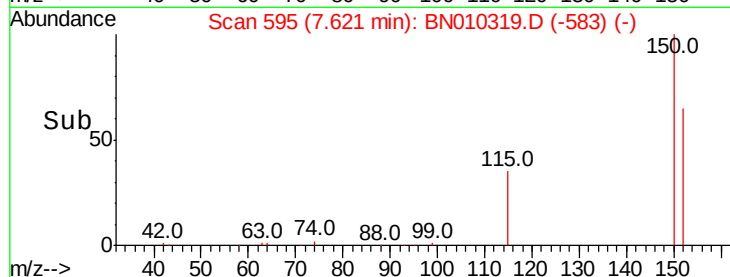
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010319.D
Acq: 21 Mar 2020 01:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4705
Ion Ratio Lower Upper
152 100
150 152.8 123.1 184.7
115 56.3 45.2 67.8



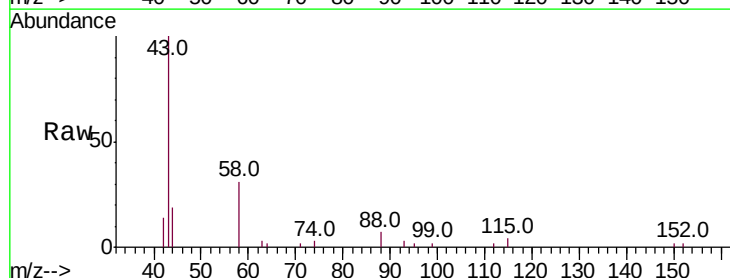
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



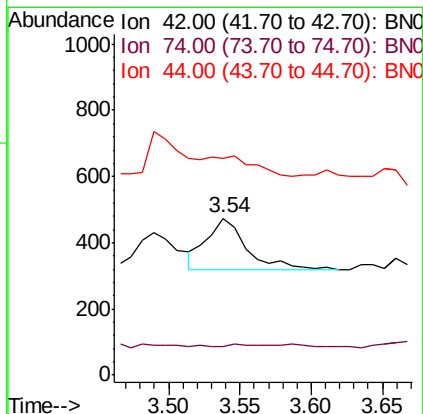
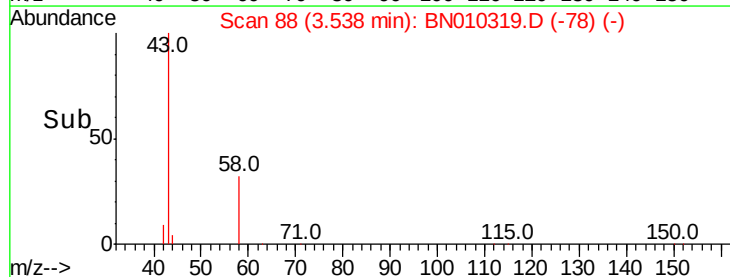
#3

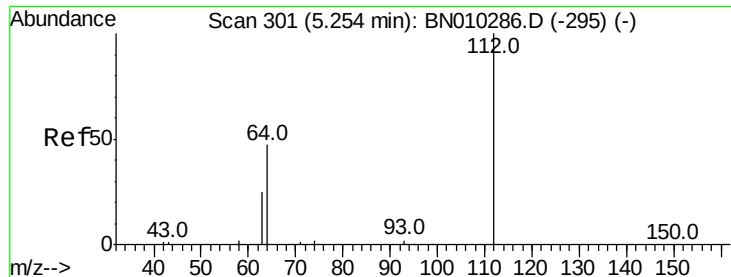
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.54 min Scan# 88
Delta R.T. -0.02 min
Lab File: BN010319.D
Acq: 21 Mar 2020 01:07

Tgt Ion: 42 Resp: 306
Ion Ratio Lower Upper
42 100
74 5.2 99.4 149.0#
44 0.0 4.8 7.2#



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: 0.178 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

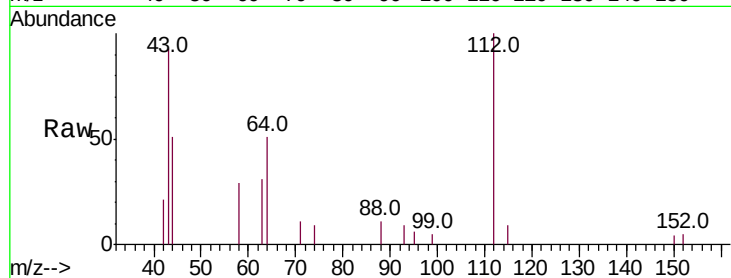
Tot Ion:112 Resp: 1660

Ion Ratio Lower Upper

112 100

64 53.4 41.4 62.2

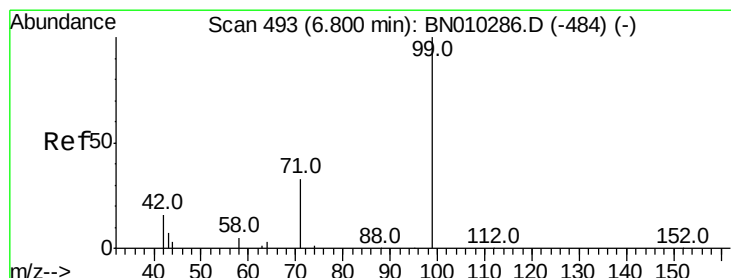
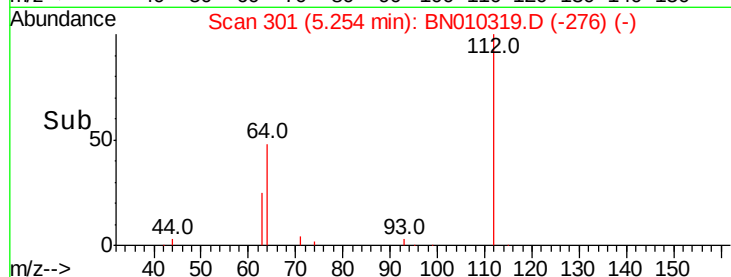
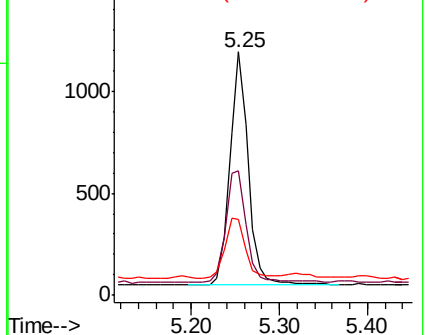
63 28.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.112 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

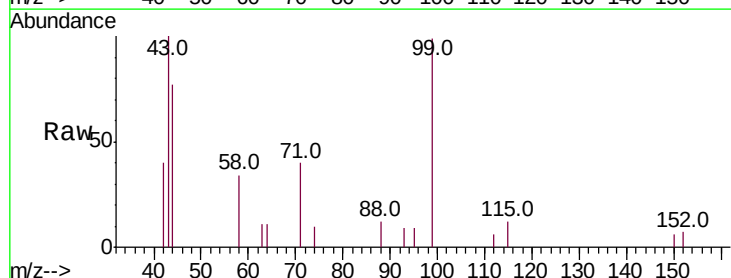
Tgt Ion: 99 Resp: 1300

Ion Ratio Lower Upper

99 100

42 19.9 14.8 22.2

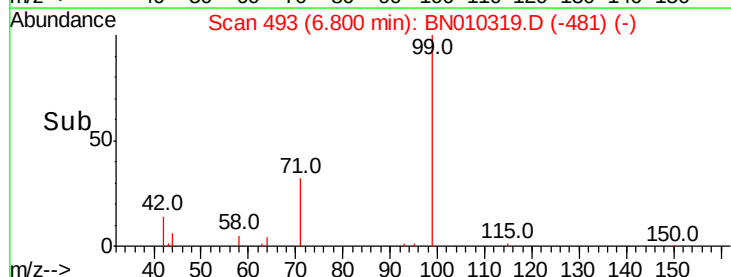
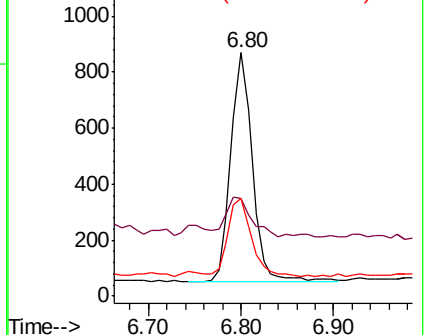
71 37.8 27.3 40.9

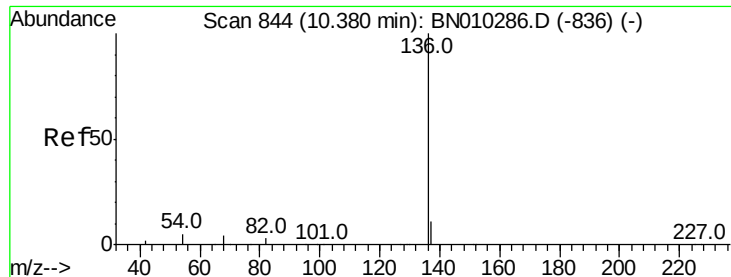


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16881

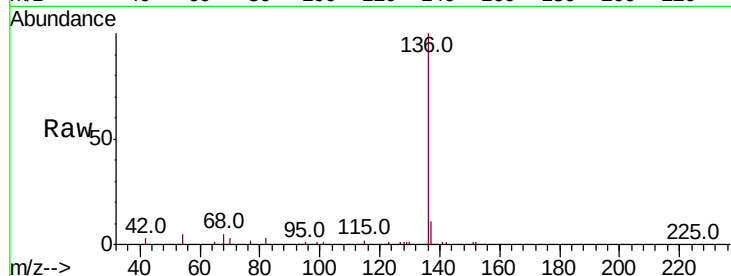
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 5.0 4.8 7.2

68 4.6 4.1 6.1



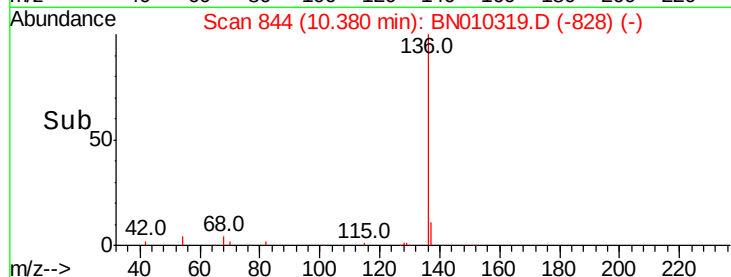
Abundance

Ion 136.00 (135.70 to 136.70): E

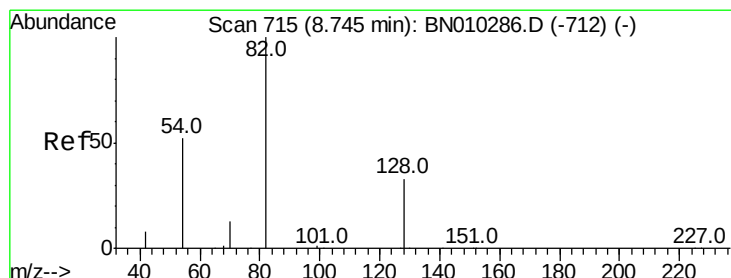
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.578 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

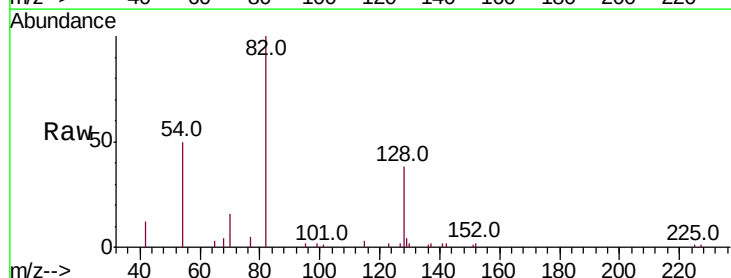
Tgt Ion: 82 Resp: 6252

Ion Ratio Lower Upper

82 100

128 38.3 28.8 43.2

54 50.1 42.1 63.1

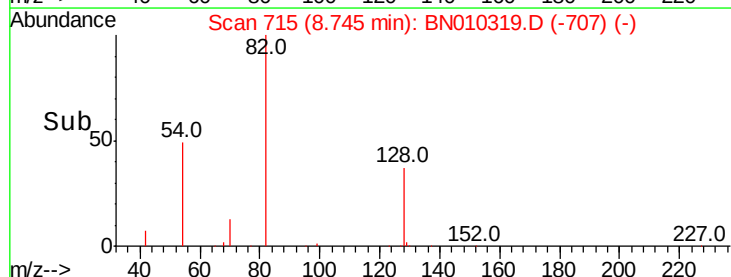


Abundance

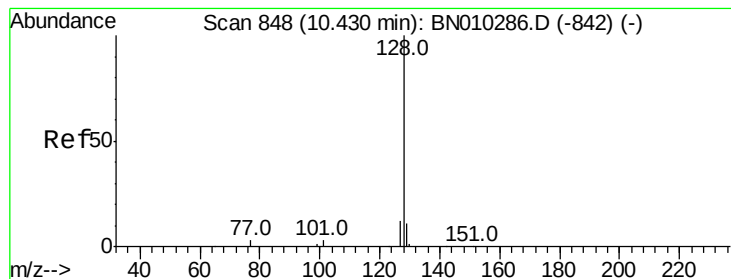
Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.675 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

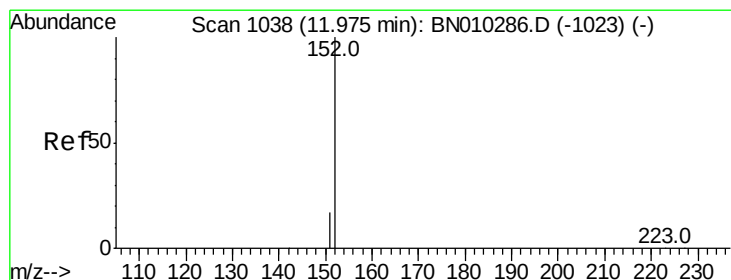
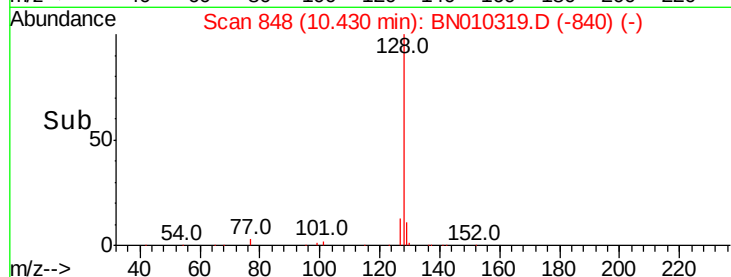
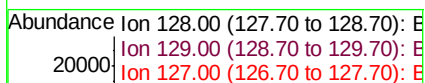
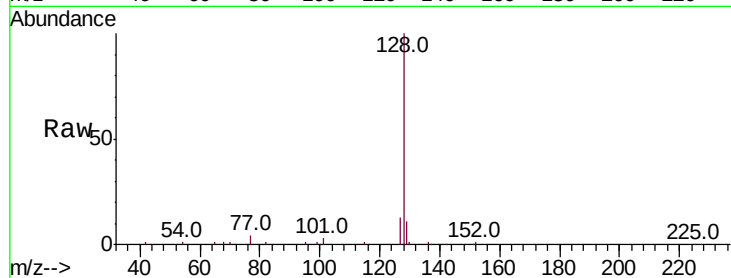
Tot Ion:128 Resp: 28397

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 12.9 10.4 15.6



#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010319.D

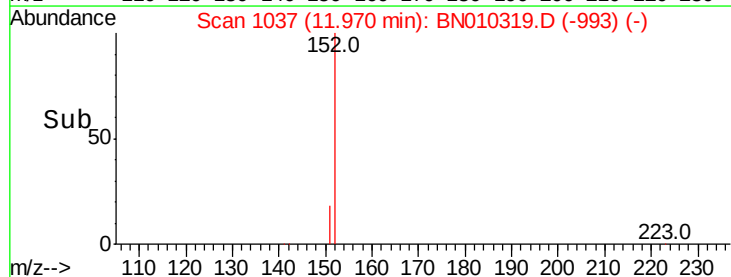
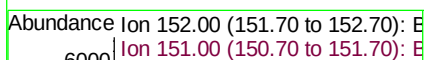
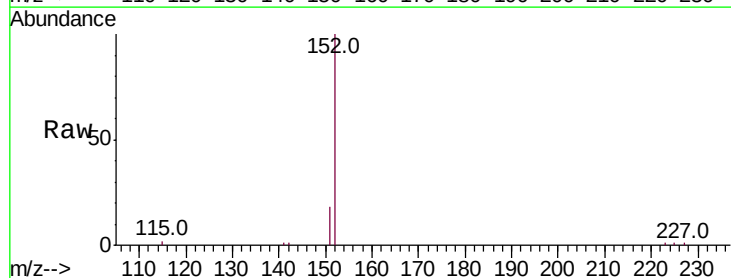
Acq: 21 Mar 2020 01:07

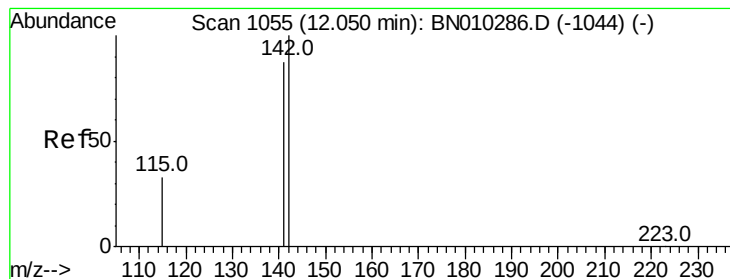
Tgt Ion:152 Resp: 8323

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.2





#12

2-Methylnaphthalene

Concen: 0.336 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

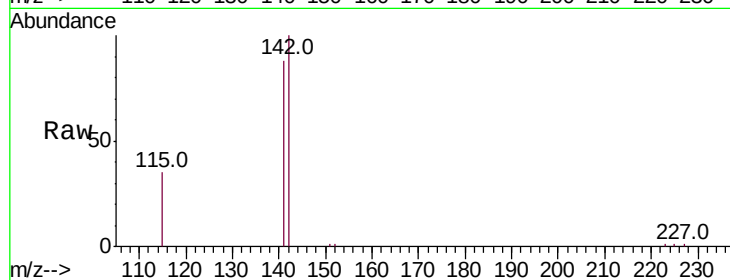
Tot Ion:142 Resp: 9804

Ion Ratio Lower Upper

142 100

141 88.3 69.5 104.3

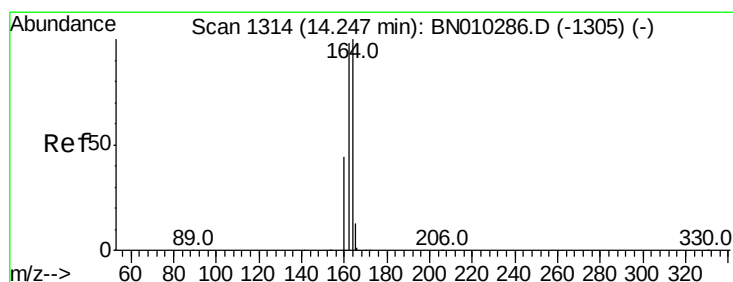
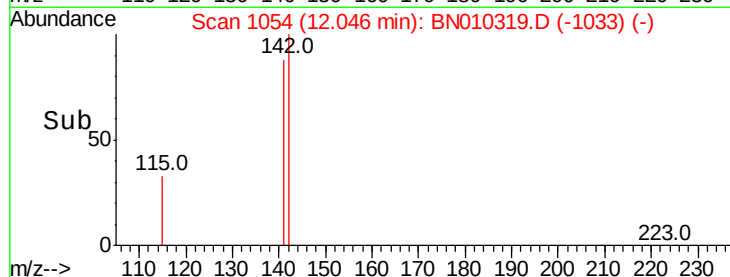
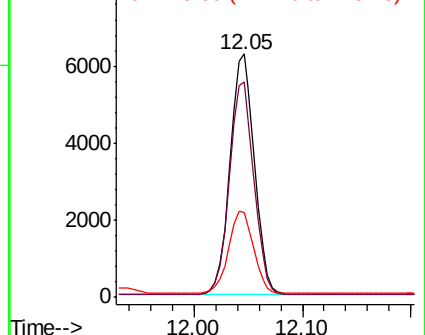
115 35.0 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

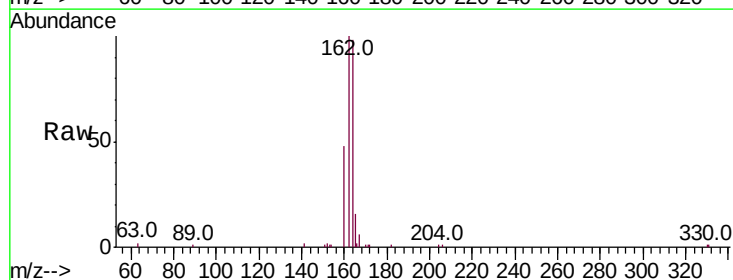
Tgt Ion:164 Resp: 10364

Ion Ratio Lower Upper

164 100

162 101.9 78.2 117.2

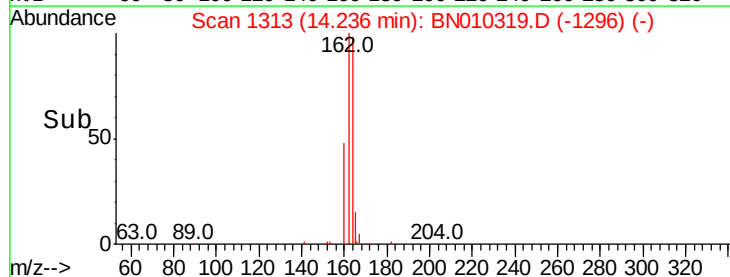
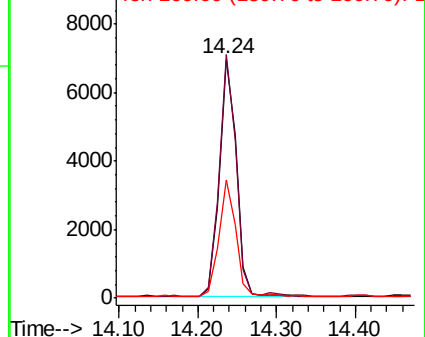
160 49.3 35.8 53.6

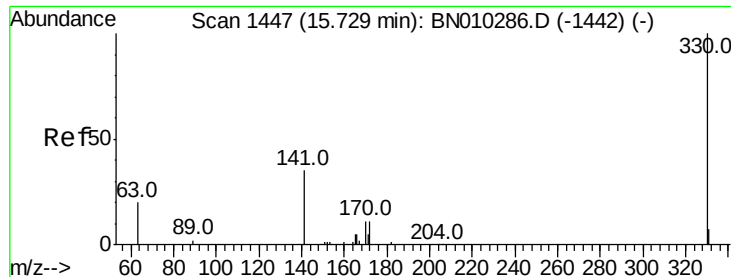


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

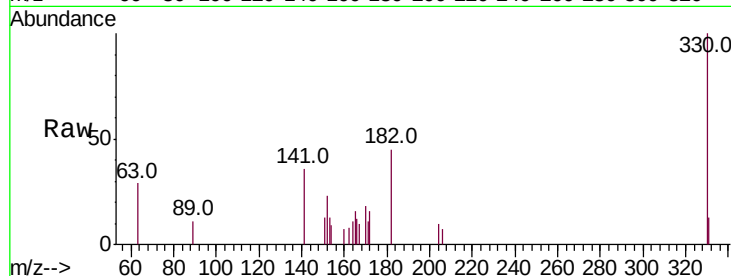




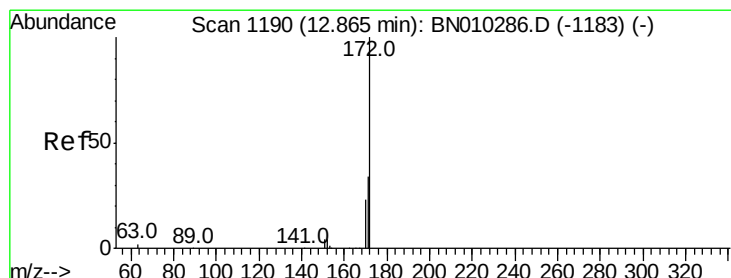
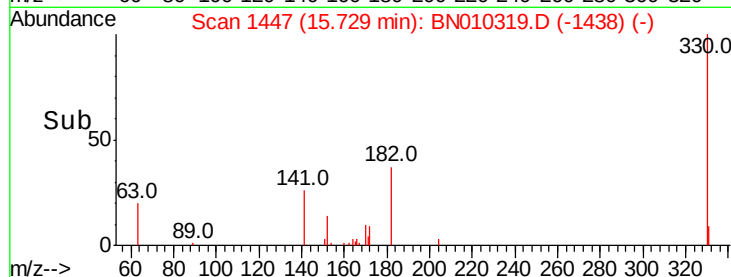
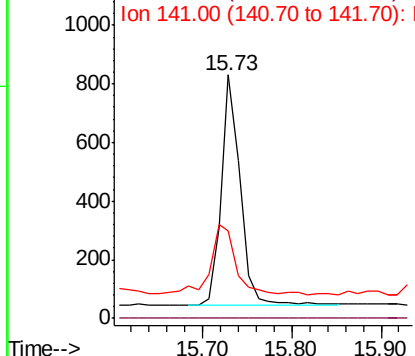
#14
 2,4,6-Tribromophenol
 Concen: 0.291 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BN010319.D
 Acq: 21 Mar 2020 01:07

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1158
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.5 29.3 43.9

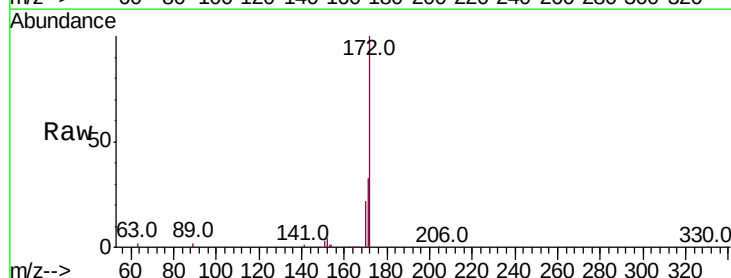


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

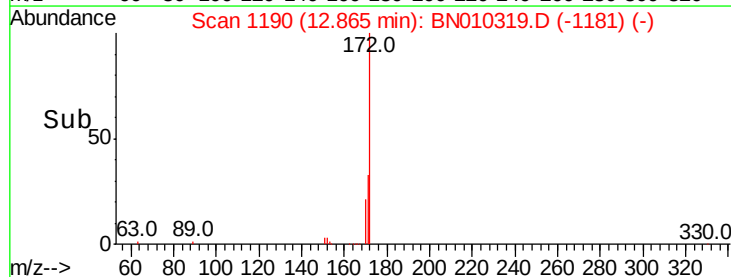
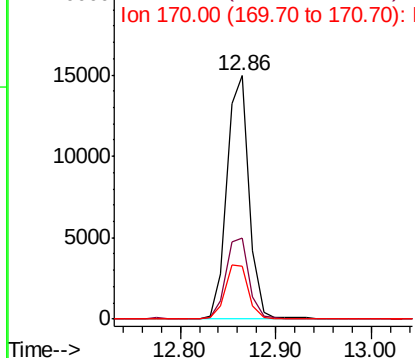


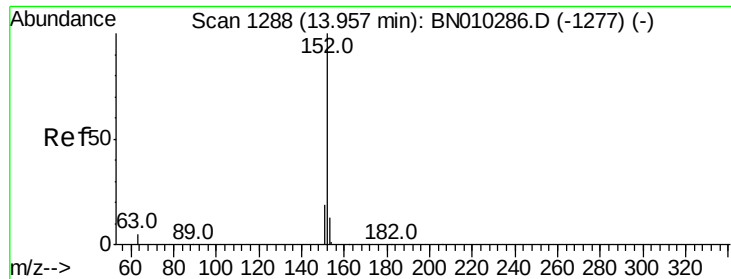
#15
 2-Fluorobiphenyl
 Concen: 0.602 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BN010319.D
 Acq: 21 Mar 2020 01:07

Tgt Ion:172 Resp: 23894
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.6 41.4
 170 21.6 18.5 27.7



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





#16

Acenaphthylene

Concen: 0.023 ng

RT: 13.96 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

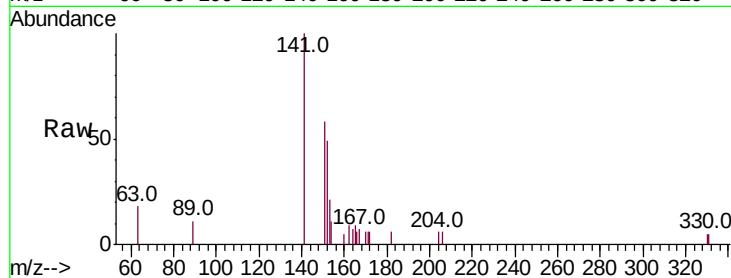
Tot Ion:152 Resp: 948

Ion Ratio Lower Upper

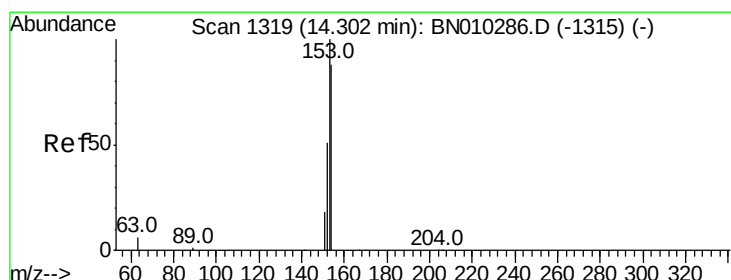
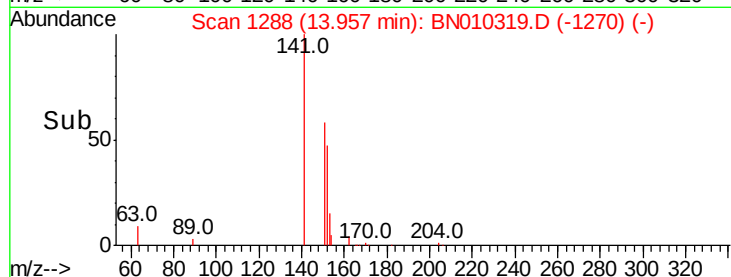
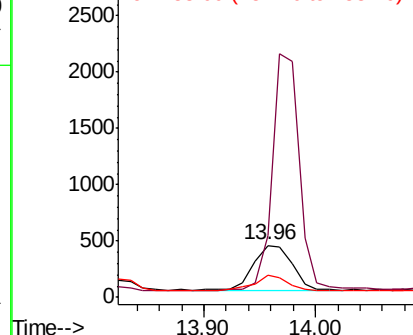
152 100

151 378.8 15.6 23.4#

153 31.9 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.303 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

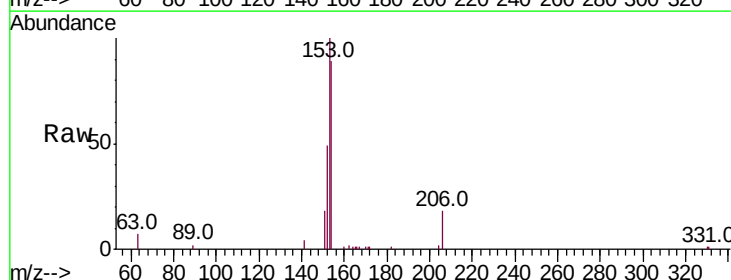
Tgt Ion:154 Resp: 8791

Ion Ratio Lower Upper

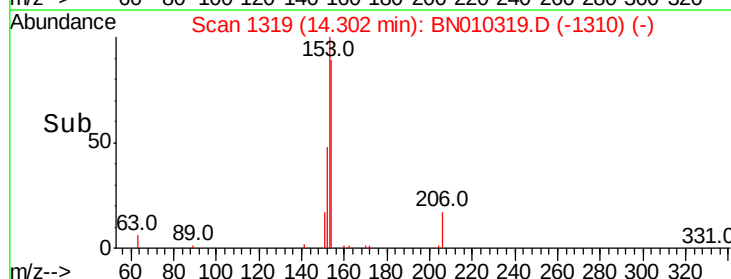
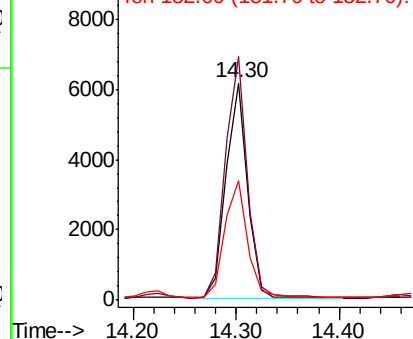
154 100

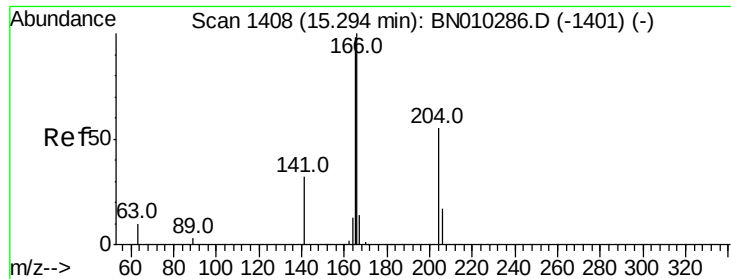
153 115.2 88.1 132.1

152 58.3 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.260 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

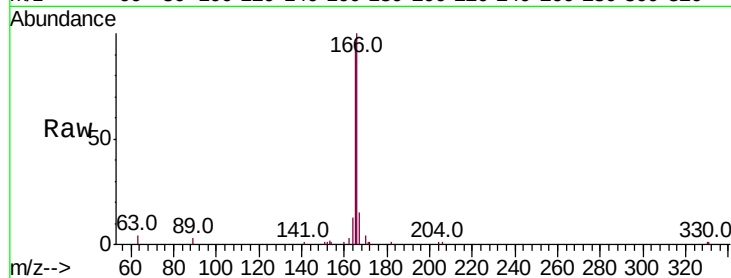
Tot Ion:166 Resp: 9999

Ion Ratio Lower Upper

166 100

165 97.5 78.7 118.1

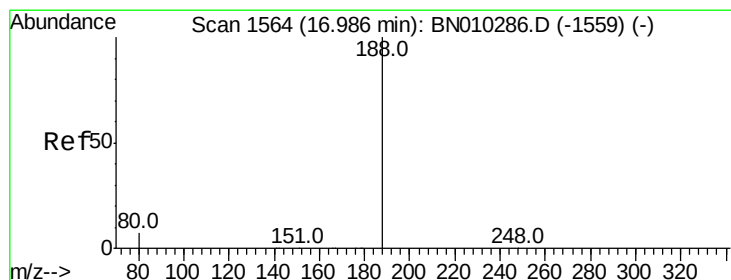
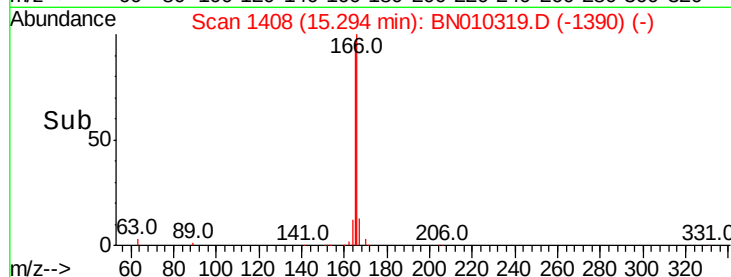
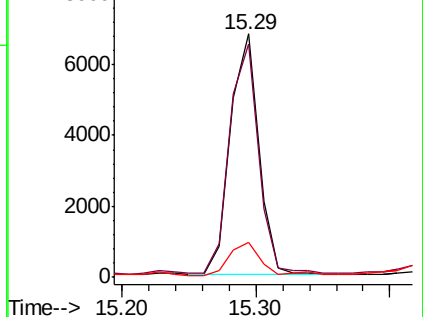
167 14.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

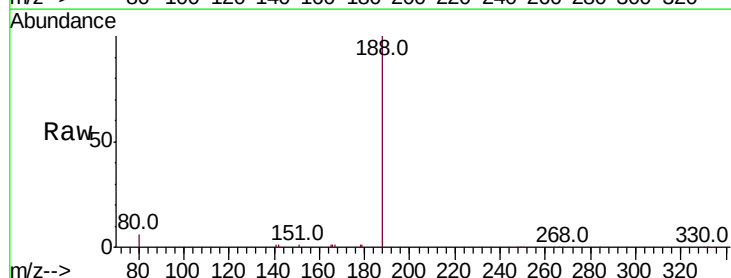
Tgt Ion:188 Resp: 24700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

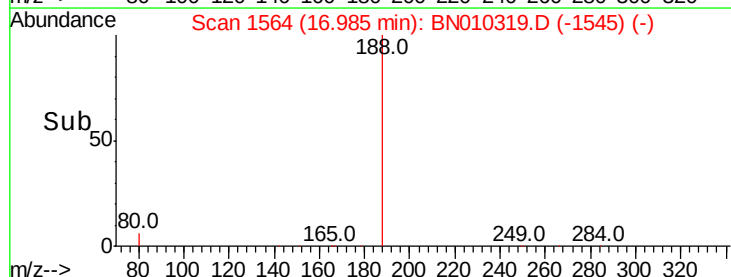
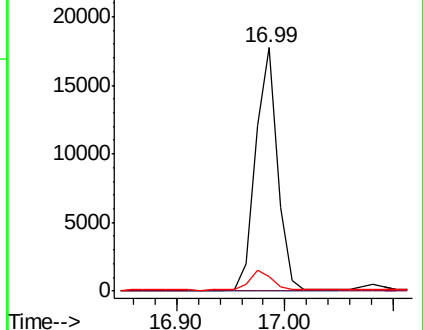
80 6.2 6.0 9.0

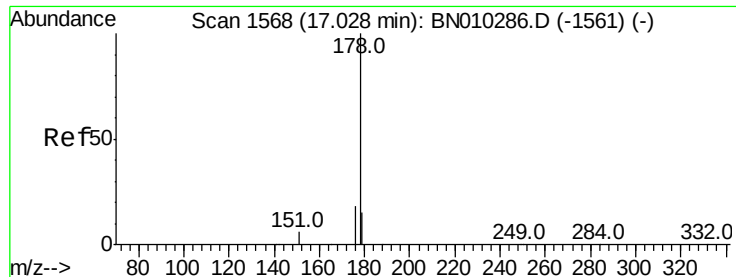


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

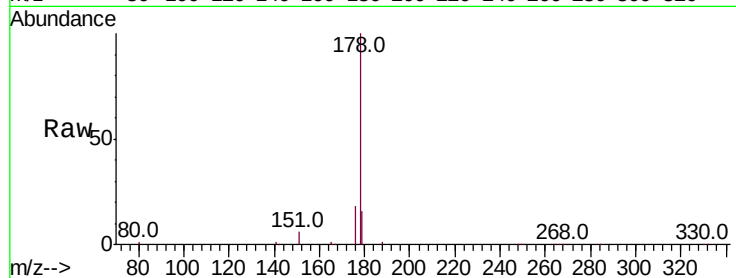
Tot Ion:178 Resp: 25690

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

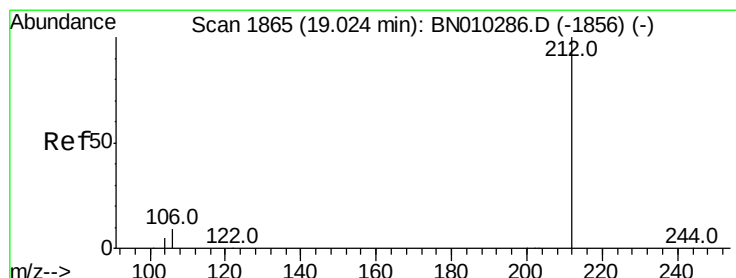
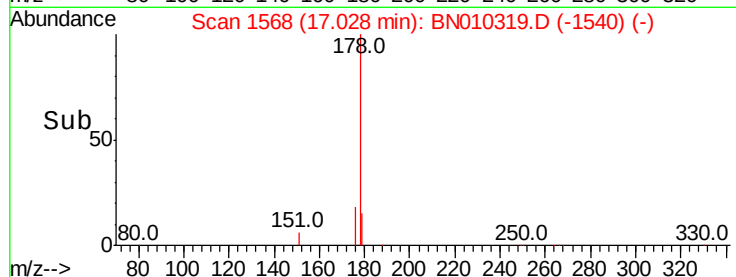
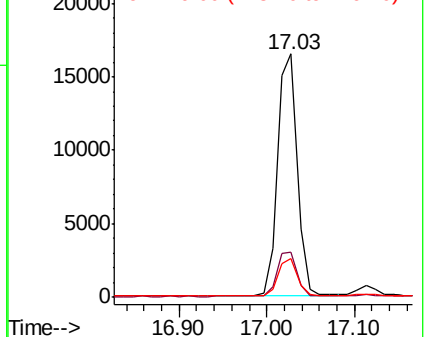
179 15.6 12.4 18.6



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: 0.318 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

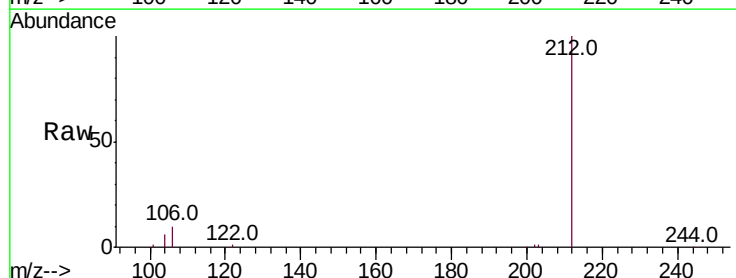
Tgt Ion:212 Resp: 23694

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

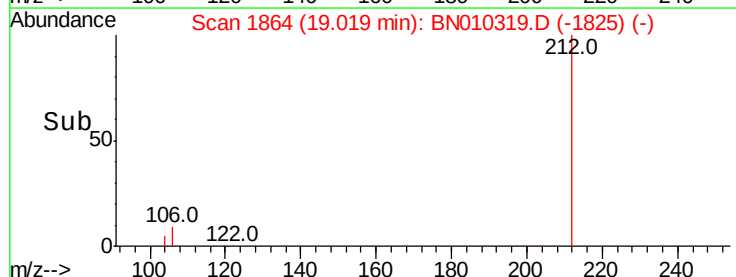
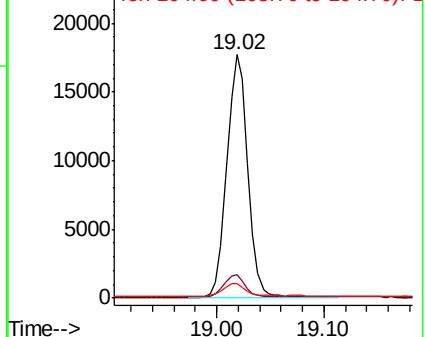
104 5.5 4.2 6.4

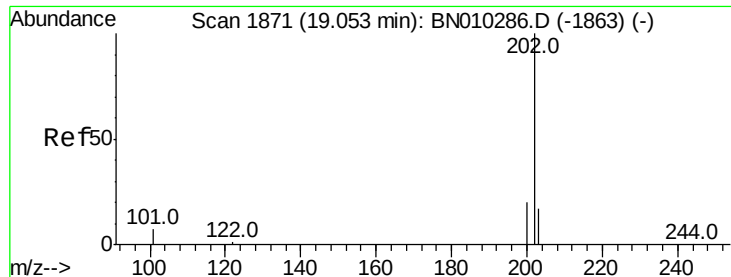


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

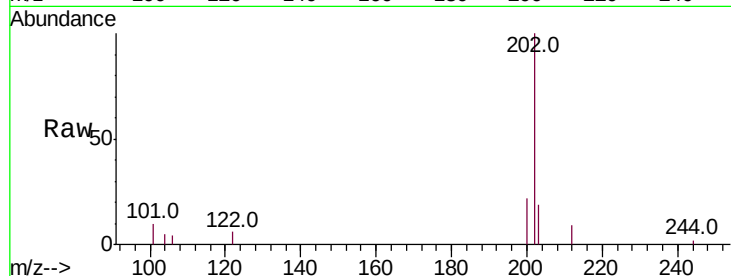




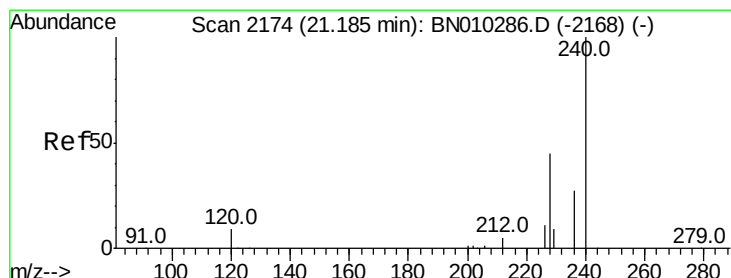
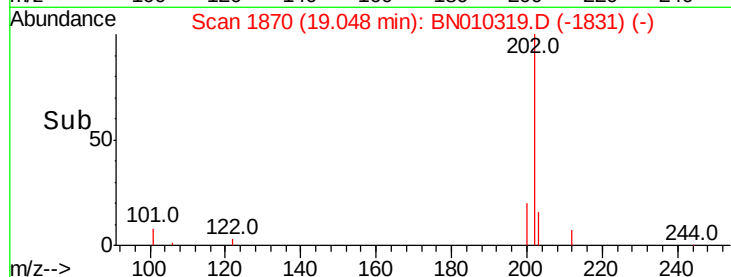
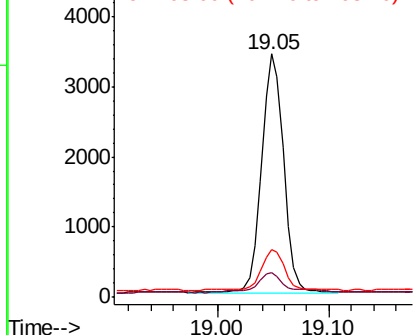
#26
Fluoranthene
Concen: 0.056 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010319.D
Acq: 21 Mar 2020 01:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 4625
Ion Ratio Lower Upper
202 100
101 9.7 6.6 9.8
203 18.1 13.8 20.8

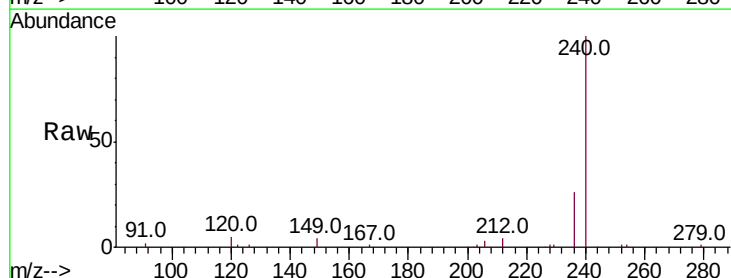


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

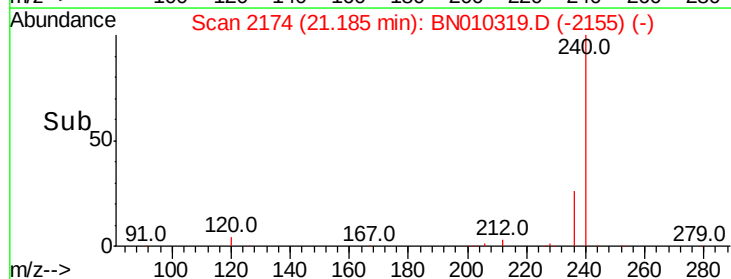
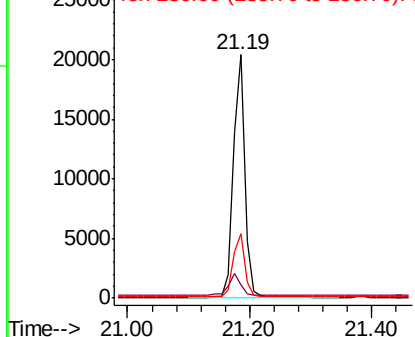


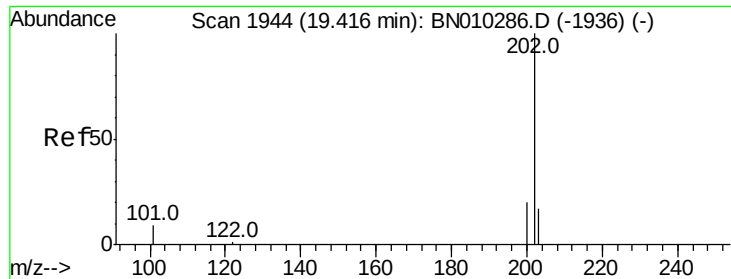
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010319.D
Acq: 21 Mar 2020 01:07

Tgt Ion:240 Resp: 26780
Ion Ratio Lower Upper
240 100
120 5.2 7.9 11.9#
236 26.4 22.2 33.4



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

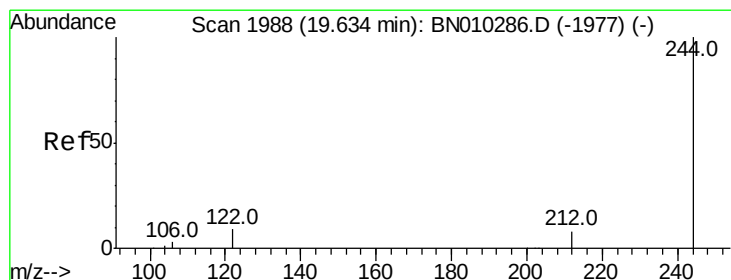
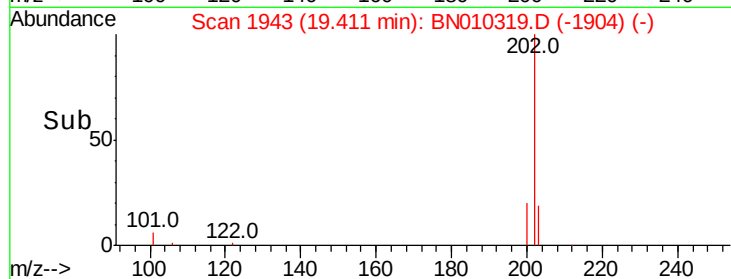
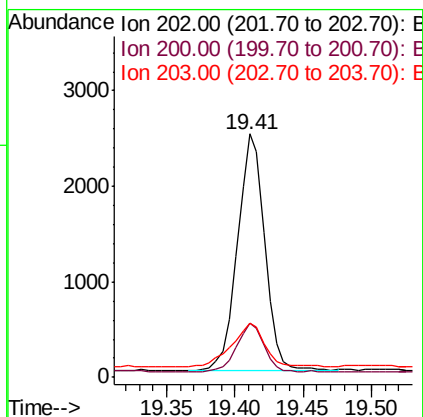
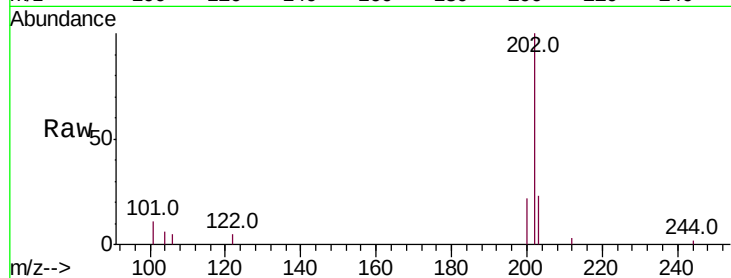




#28
Pvrene
Concen: 0.041 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010319.D
Acq: 21 Mar 2020 01:07

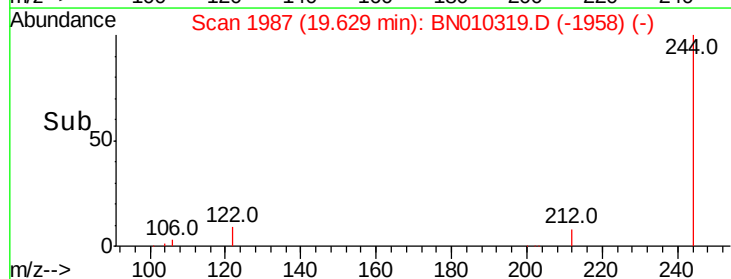
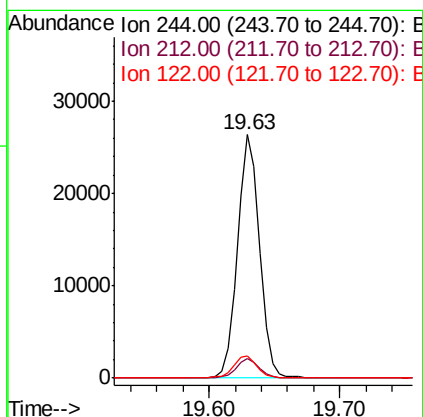
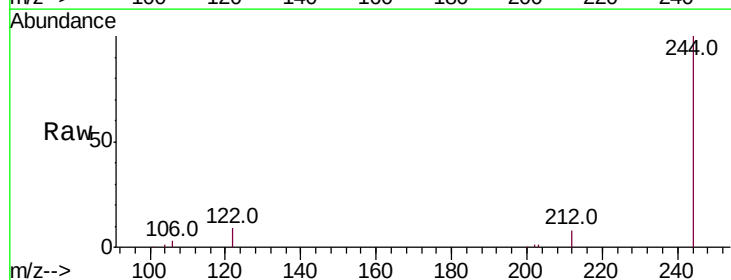
Instrument :
BNA_N
ClientSampleId :

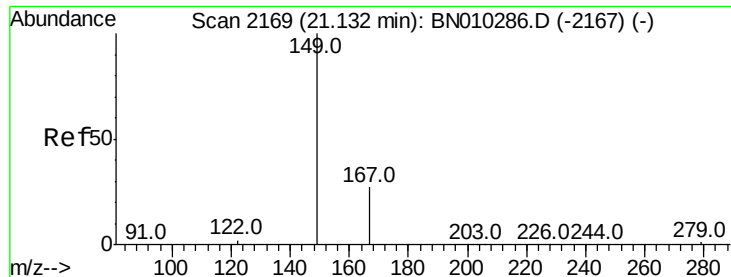
Tot Ion:202 Resp: 3445
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 22.9 14.2 21.2#



#29
Terphenyl-d14
Concen: 0.533 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BN010319.D
Acq: 21 Mar 2020 01:07

Tgt Ion:244 Resp: 30832
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.1 7.6 11.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.548 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

Instrument :

BNA_N

ClientSampleId :

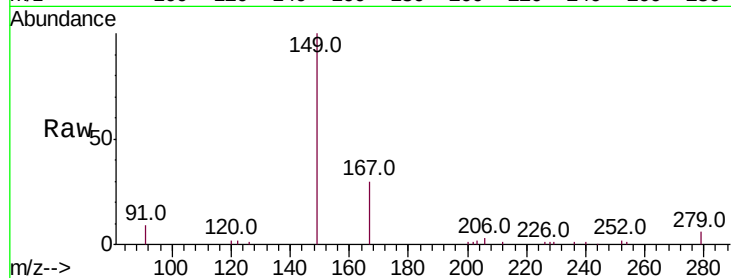
Tot Ion:149 Resp: 15778

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.6

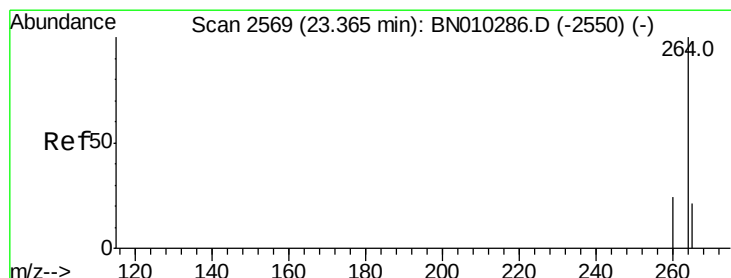
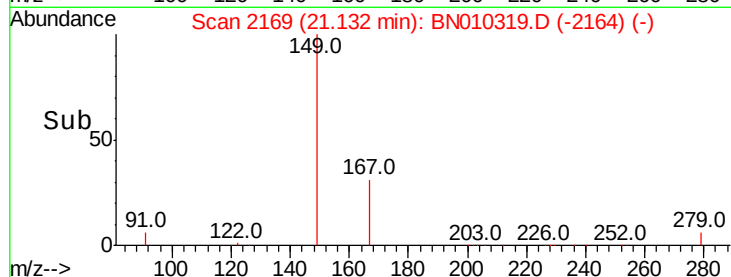
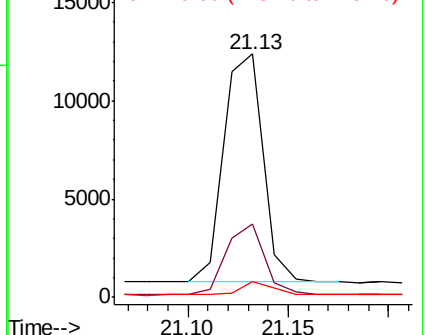
279 4.8 3.8 5.8



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: 23.35 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BN010319.D

Acq: 21 Mar 2020 01:07

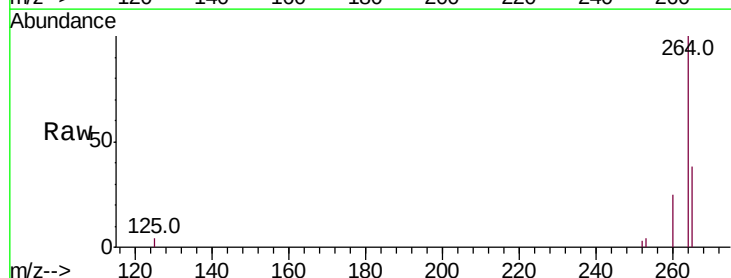
Tgt Ion:264 Resp: 27968

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 37.9 32.4 48.6



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

