

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010280.D
 Acq On : 19 Mar 2020 01:08
 Operator : CG/JU
 Sample : L1903-14DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20200309DL

Quant Time: Mar 19 01:45:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

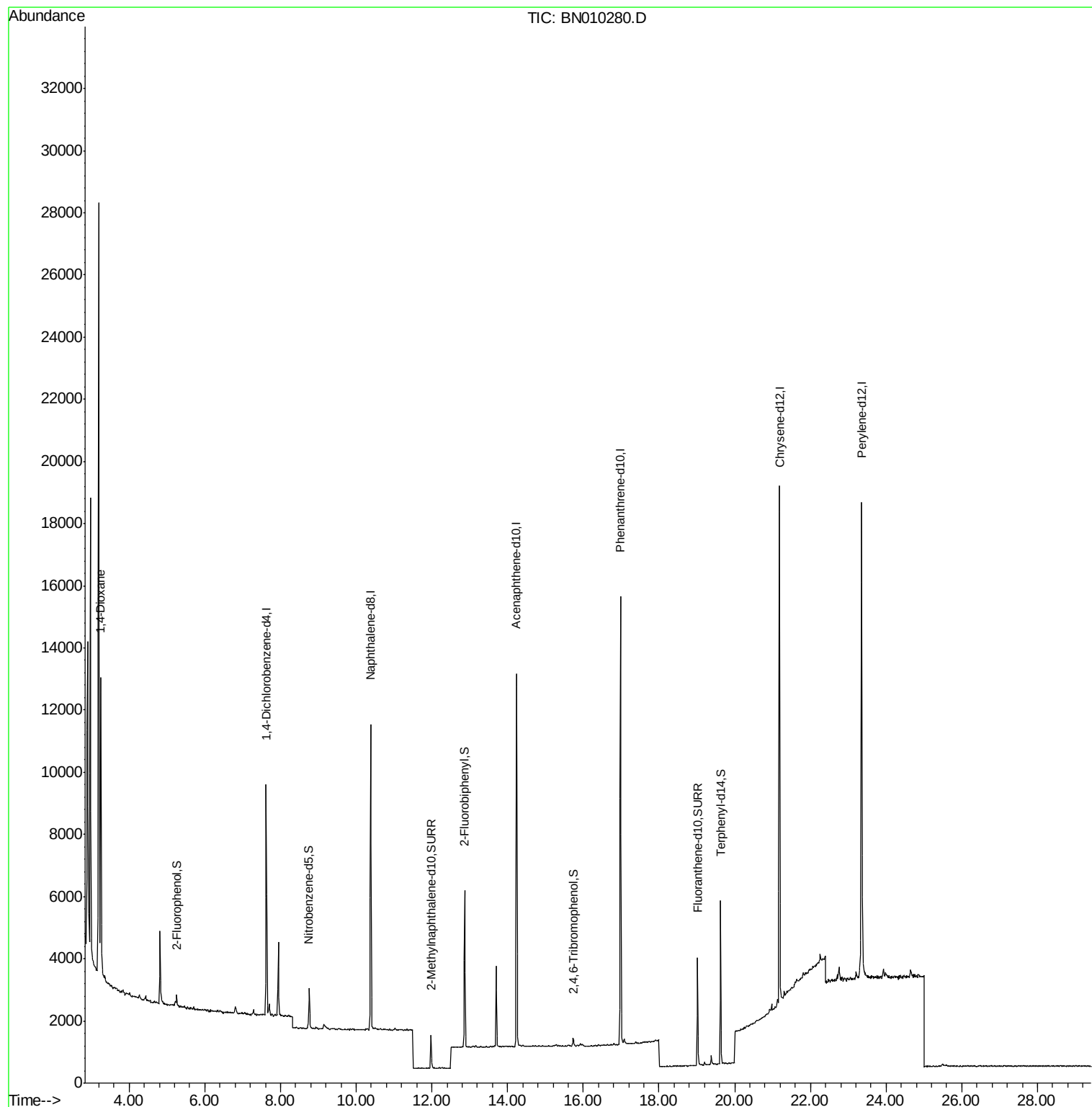
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3740	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12842	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7627	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	18546	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18199	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19914	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	278	0.03	ng	0.00
5) Phenol-d6	6.81	99	207	0.02	ng	0.00
8) Nitrobenzene-d5	8.76	82	1104	0.14	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	1486	0.07	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	213	0.08	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	4287	0.16	ng	-0.01
25) Fluoranthene-d10	19.02	212	4061	0.07	ng	-0.01
29) Terphenyl-d14	19.63	244	5138	0.12	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	6601	1.809	ng	Qvalue # 52

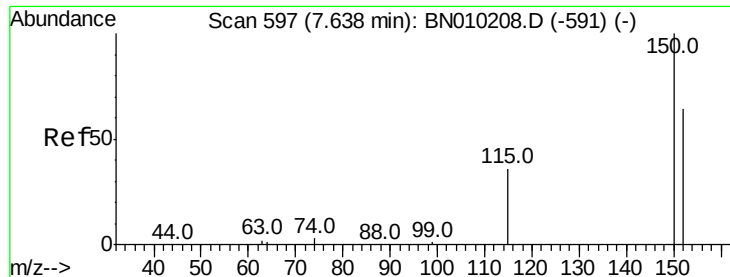
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309DL

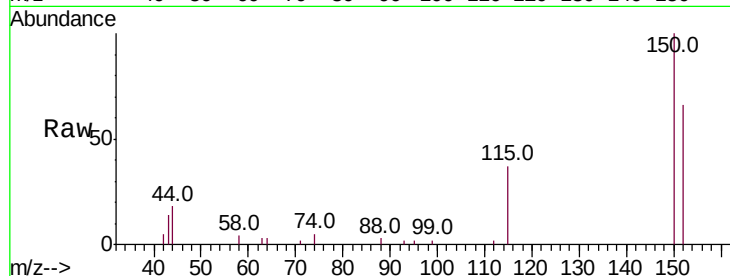
Tot Ion:152 Resp: 3740

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

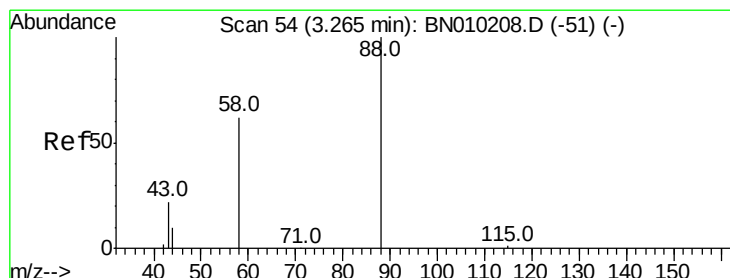
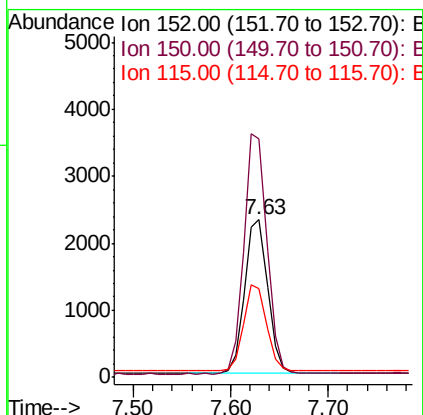
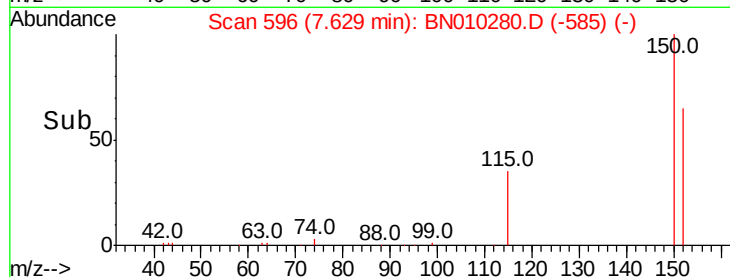
115 56.1 50.9 76.3



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



#2

1,4-Dioxane

Concen: 1.809 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

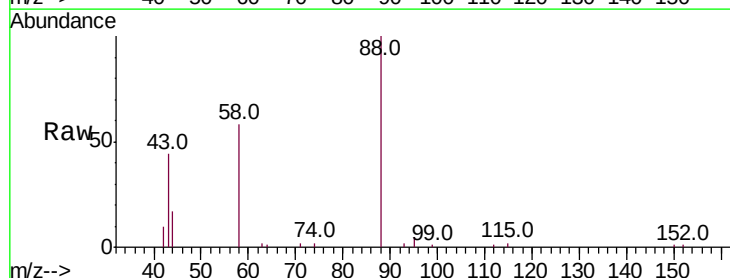
Tgt Ion: 88 Resp: 6601

Ion Ratio Lower Upper

88 100

58 64.4 97.8 146.8#

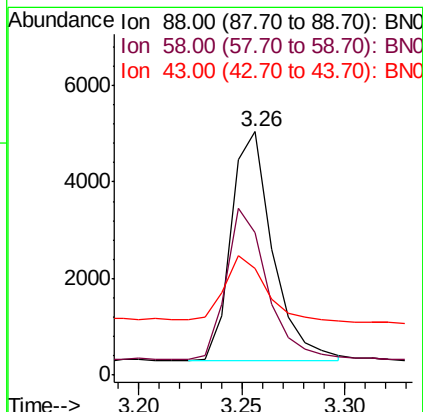
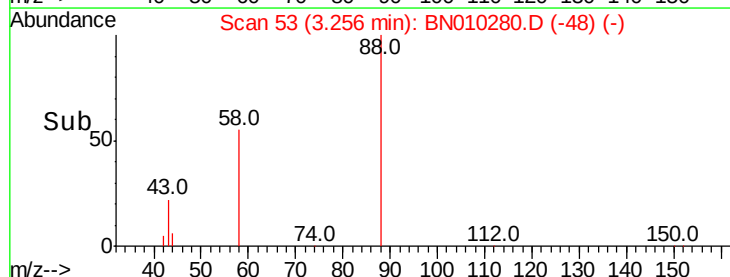
43 28.0 45.1 67.7#

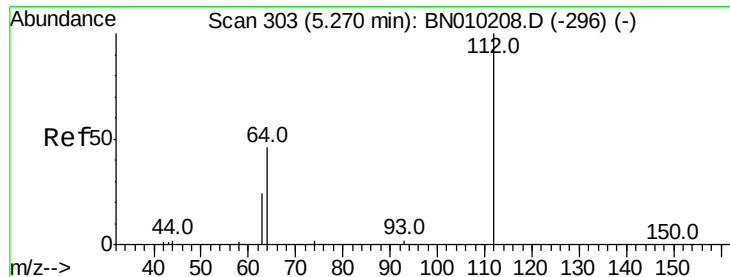


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.032 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309DL

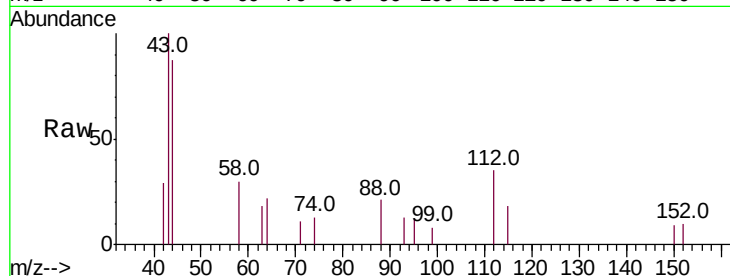
Tot Ion:112 Resp: 278

Ion Ratio Lower Upper

112 100

64 55.8 42.6 63.8

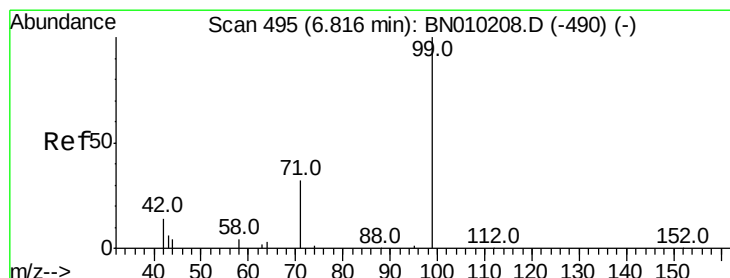
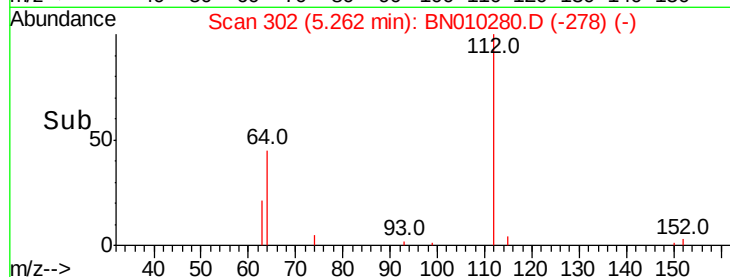
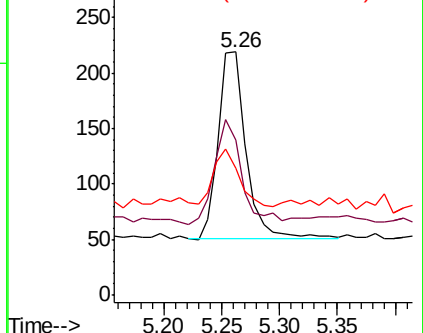
63 31.7 23.6 35.4



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: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

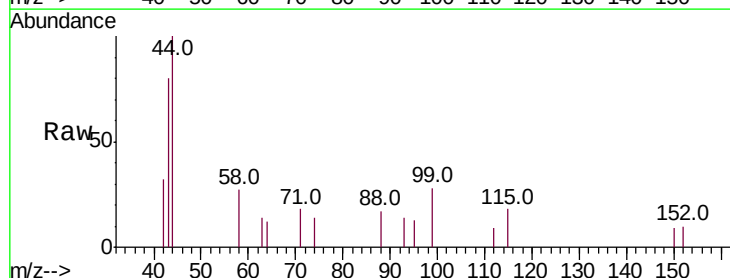
Tgt Ion: 99 Resp: 207

Ion Ratio Lower Upper

99 100

42 52.7 12.0 18.0#

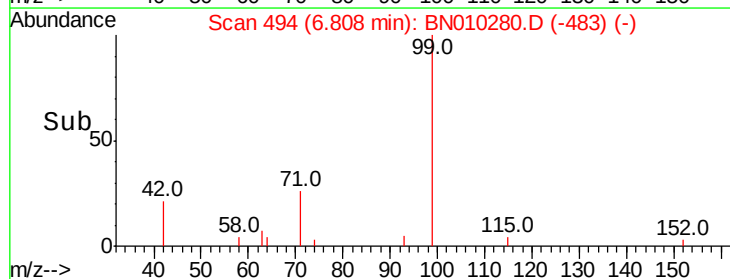
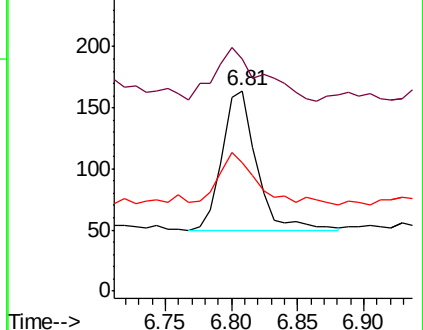
71 34.3 22.6 33.8#

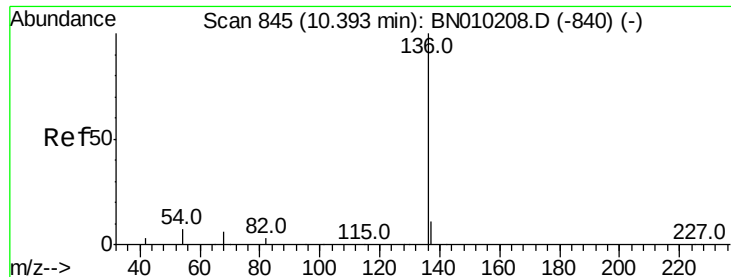


Abundance Ion 99.00 (98.70 to 99.70): BN0

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: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309DL

Tot Ion:136 Resp: 12842

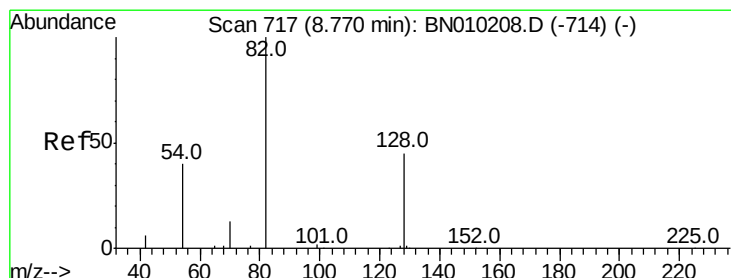
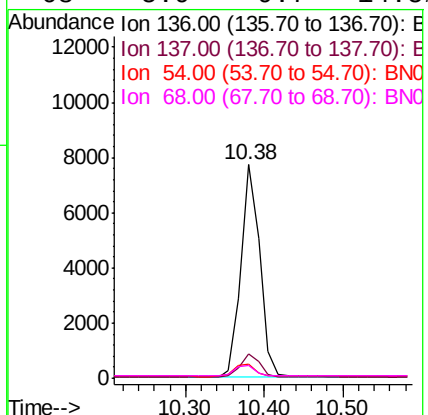
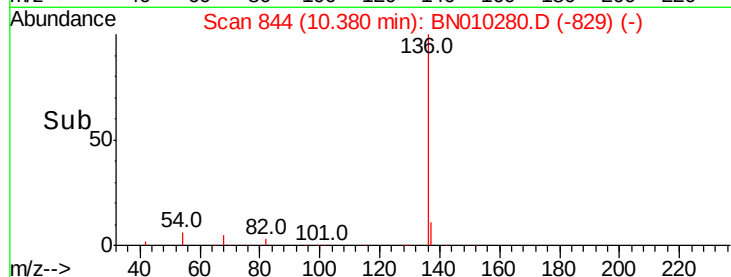
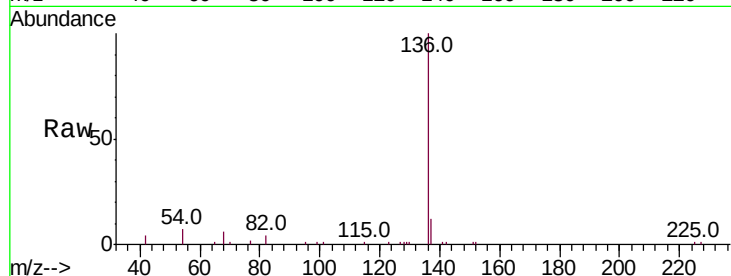
Ion Ratio Lower Upper

136 100

137 11.6 10.6 15.8

54 6.6 9.5 14.3#

68 5.9 9.7 14.5#



#8

Nitrobenzene-d5

Concen: 0.143 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

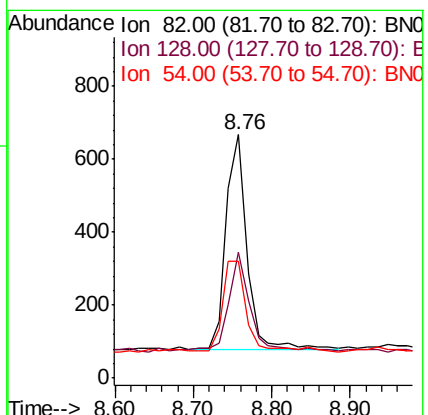
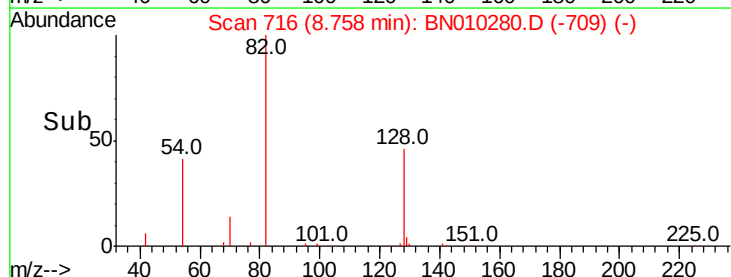
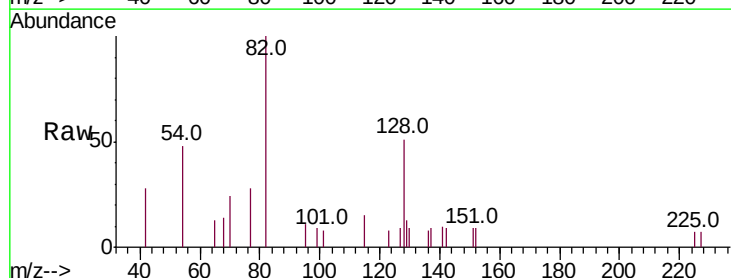
Tgt Ion: 82 Resp: 1104

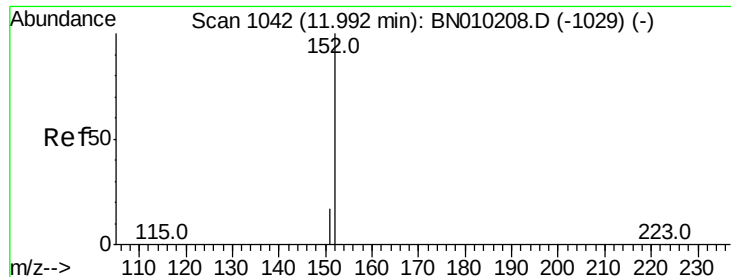
Ion Ratio Lower Upper

82 100

128 51.5 35.0 52.6

54 48.2 37.0 55.4

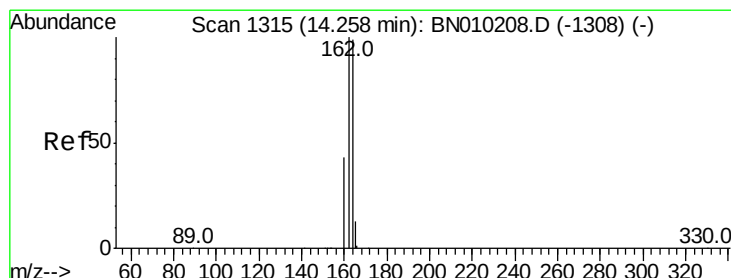
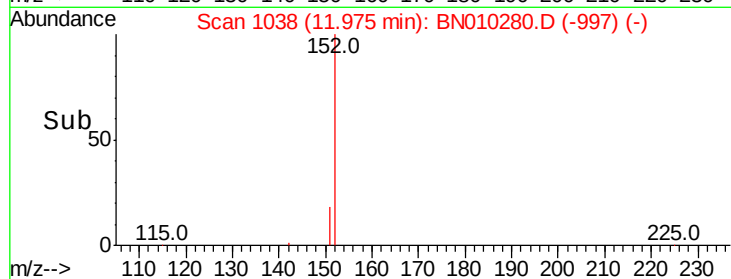
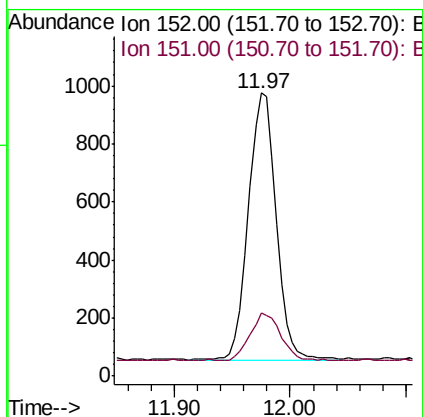
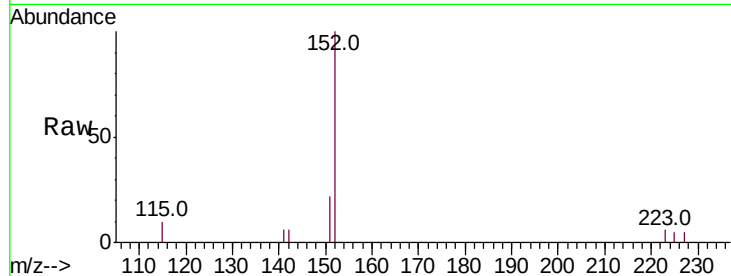




#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010280.D
Acq: 19 Mar 2020 01:08

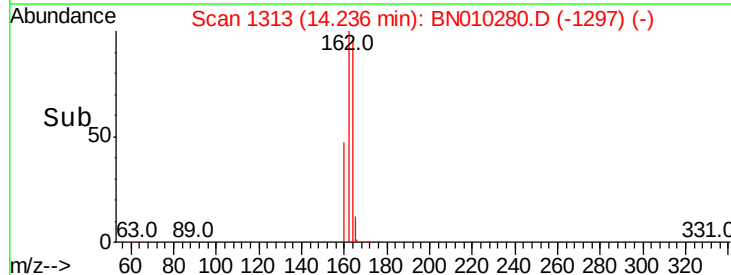
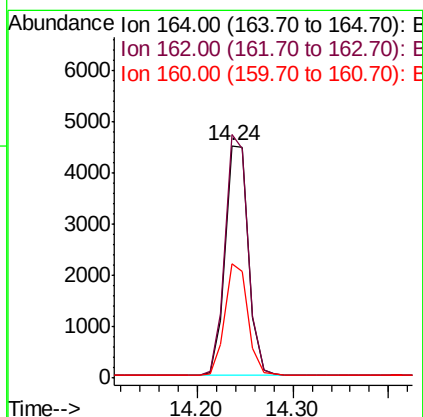
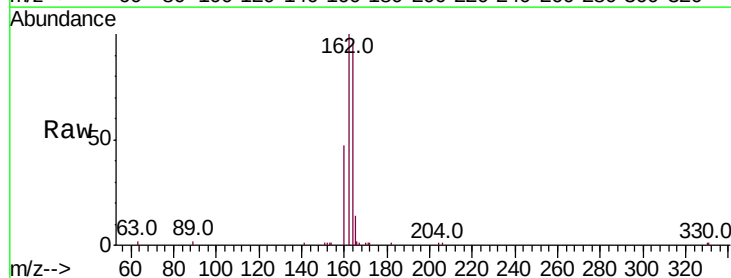
Instrument :
BNA_N
ClientSampleId :
RE131D2-20200309DL

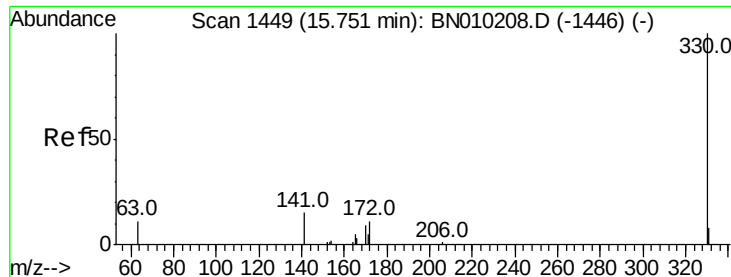
Tot Ion:152 Resp: 1486
Ion Ratio Lower Upper
152 100
151 19.3 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010280.D
Acq: 19 Mar 2020 01:08

Tgt Ion:164 Resp: 7627
Ion Ratio Lower Upper
164 100
162 104.7 81.0 121.4
160 49.4 35.6 53.4

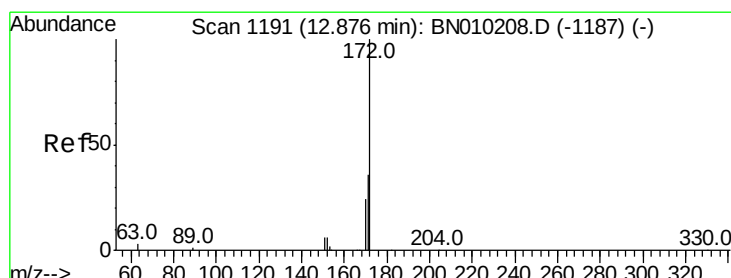
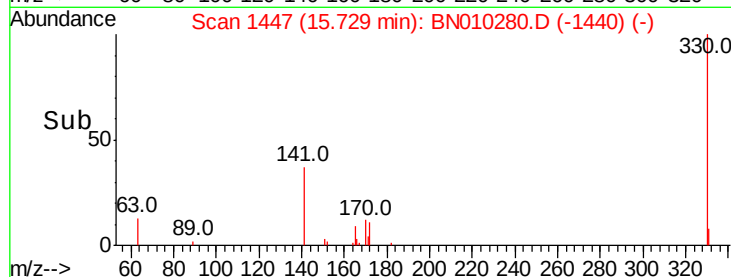
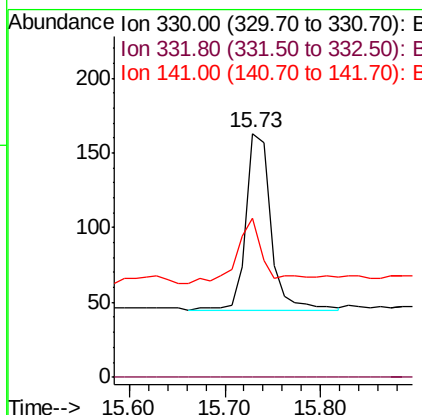
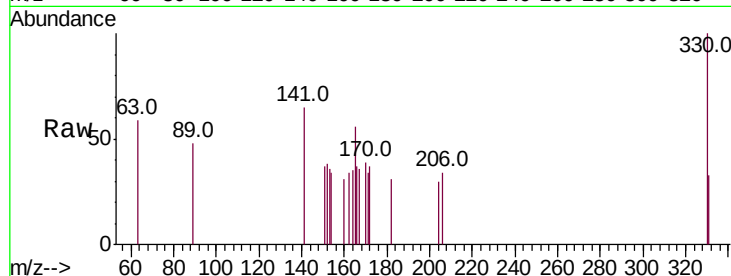




#14
2,4,6-Tribromophenol
Concen: 0.078 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010280.D
Acq: 19 Mar 2020 01:08

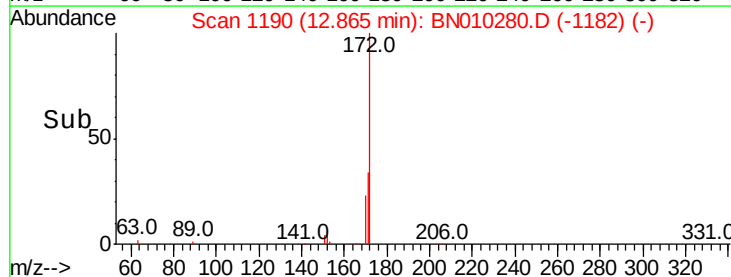
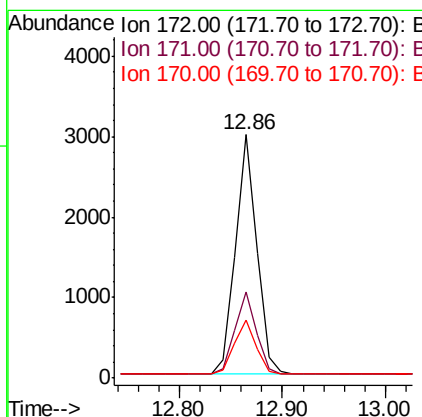
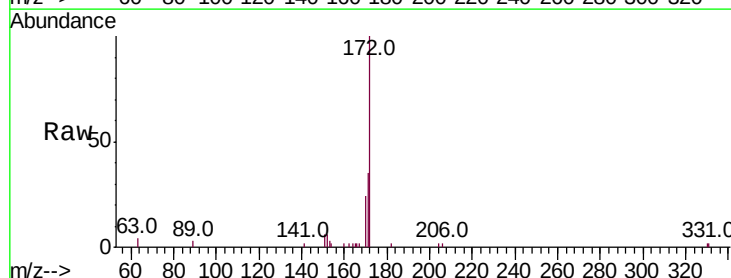
Instrument :
BNA_N
ClientSampleId :
RE131D2-20200309DL

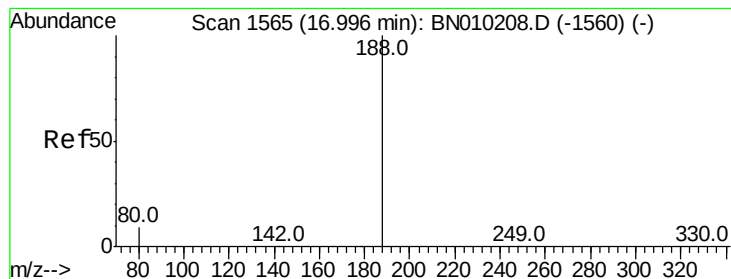
Tot Ion:330 Resp: 213
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 25.1 37.7



#15
2-Fluorobiphenyl
Concen: 0.158 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010280.D
Acq: 19 Mar 2020 01:08

Tgt Ion:172 Resp: 4287
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.2
170 23.8 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309DL

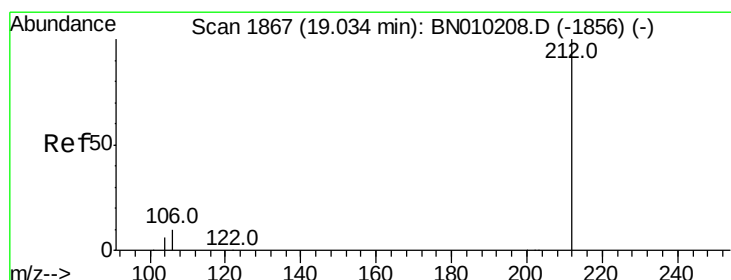
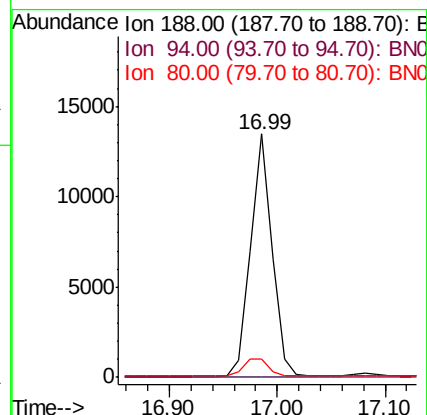
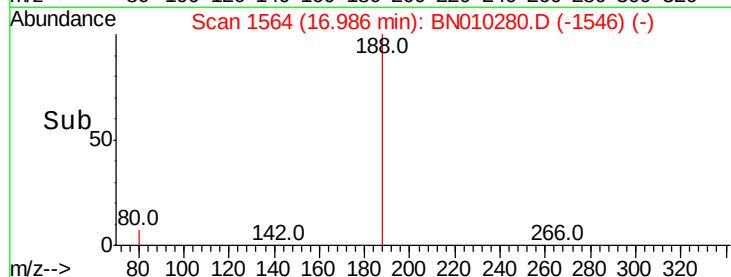
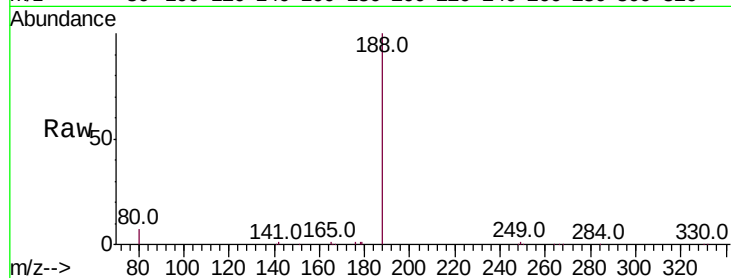
Tot Ion:188 Resp: 18546

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 8.6 12.8#



#25

Fluoranthene-d10

Concen: 0.071 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

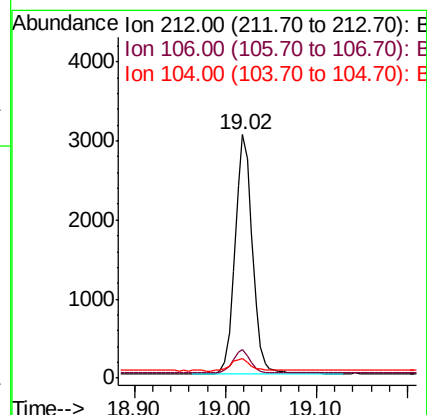
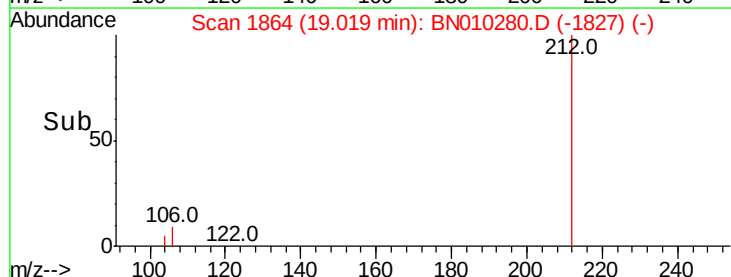
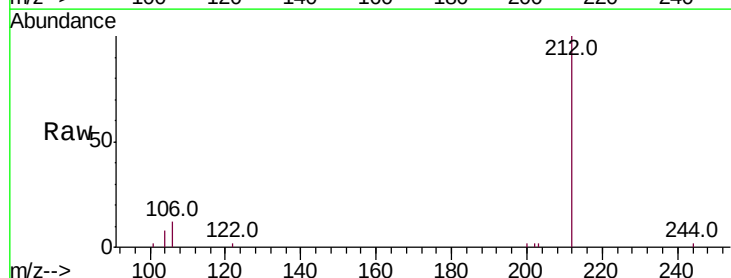
Tgt Ion:212 Resp: 4061

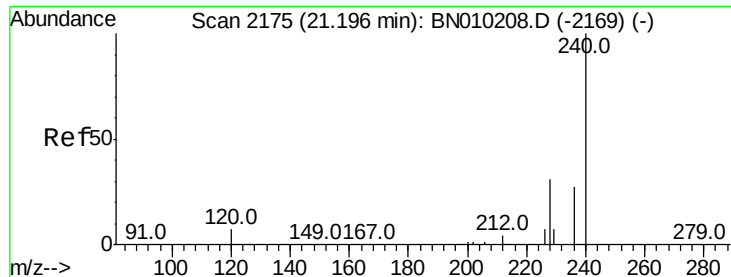
Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

104 5.5 4.7 7.1





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

Instrument :

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ClientSampleId :

RE131D2-20200309DL

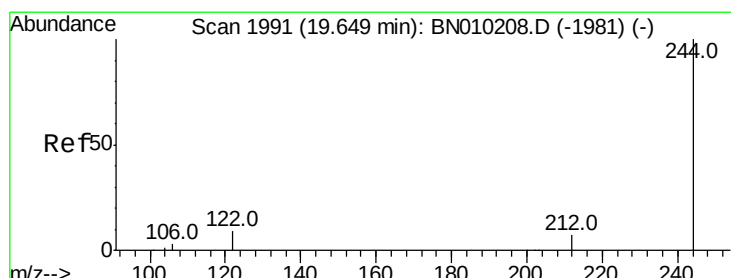
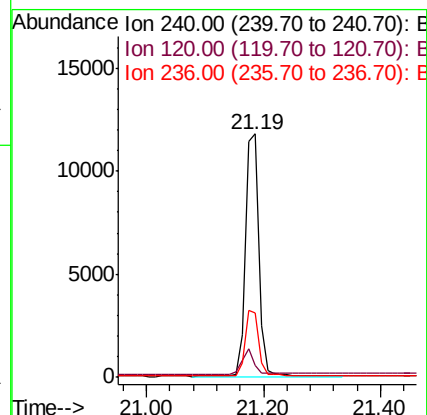
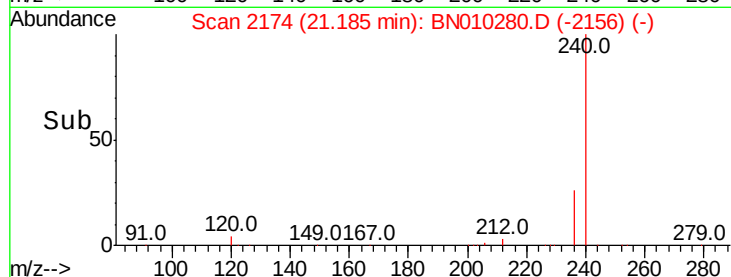
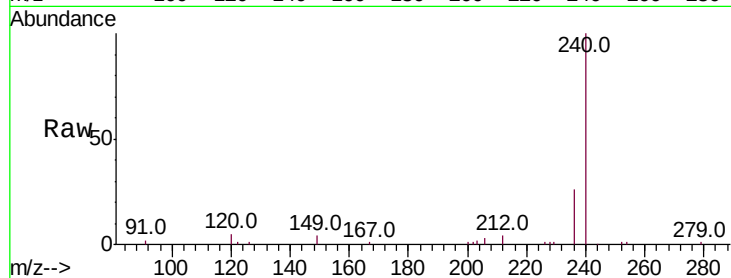
Tot Ion:240 Resp: 18199

Ion Ratio Lower Upper

240 100

120 5.0 7.7 11.5#

236 26.5 21.8 32.6



#29

Terphenyl-d14

Concen: 0.124 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

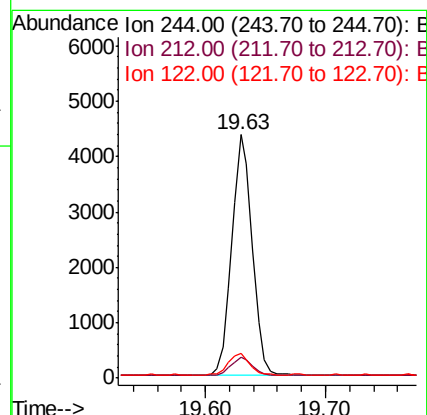
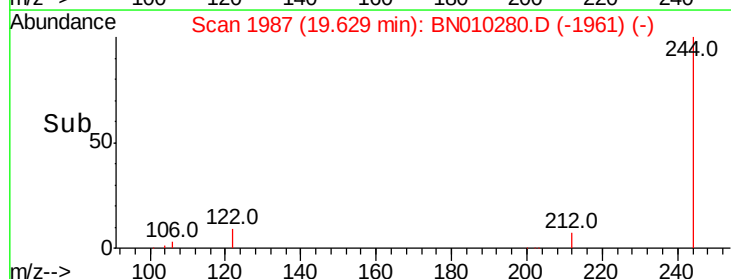
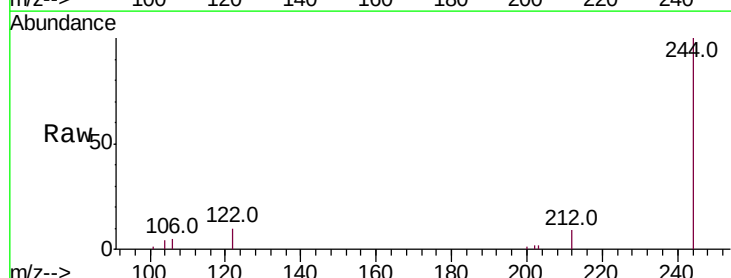
Tgt Ion:244 Resp: 5138

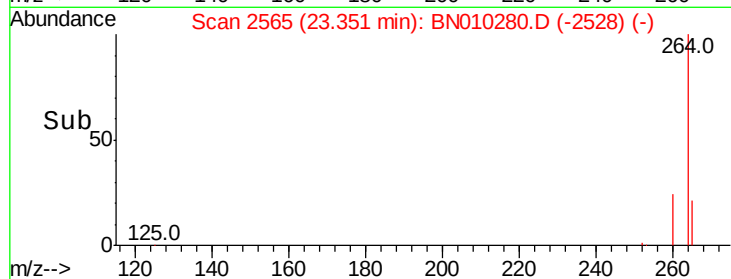
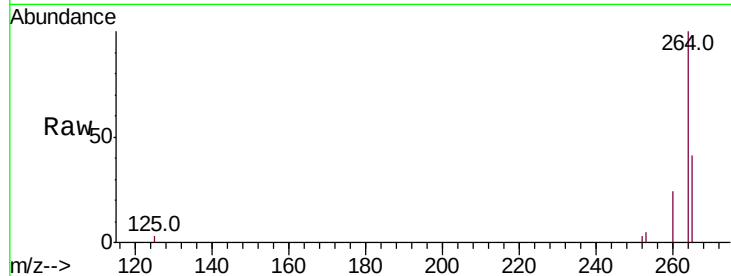
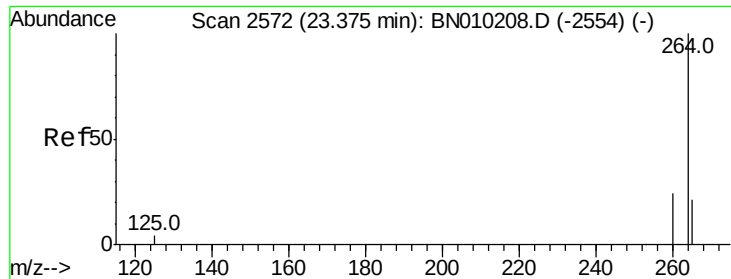
Ion Ratio Lower Upper

244 100

212 8.7 6.4 9.6

122 10.1 8.1 12.1





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010280.D

Acq: 19 Mar 2020 01:08

Instrument :

BNA_N

ClientSampleId :

RE131D2-20200309DL

Tot Ion: 264 Resp: 19914

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 41.3 25.8 38.6

