

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007750.D
 Acq On : 19 Sep 2019 20:34
 Operator : HP/JU
 Sample : K4858-17DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20190910DL

Quant Time: Sep 20 11:11:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

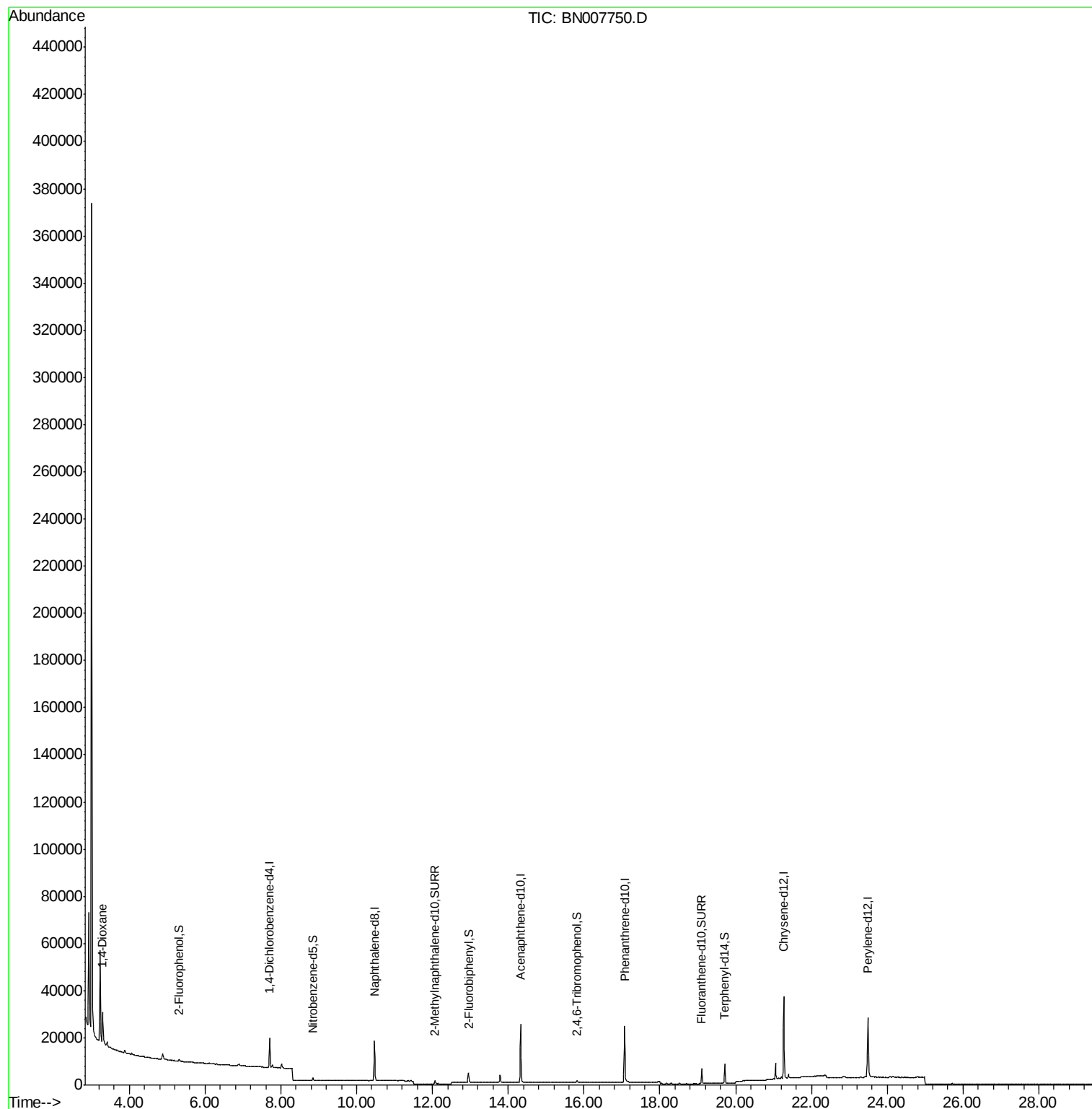
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6124	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23065	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13971	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	32956	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33361	0.40	ng	0.00
34) Perylene-d12	23.49	264	34074	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	526	0.02	ng	0.00
5) Phenol-d6	6.88	99	478	0.01	ng	0.00
8) Nitrobenzene-d5	8.85	82	1114	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	2636	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	530	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	4548	0.08	ng	0.01
25) Fluoranthene-d10	19.11	212	7724	0.07	ng	0.00
29) Terphenyl-d14	19.71	244	8605	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	10636	1.558	ng	Qvalue # 91

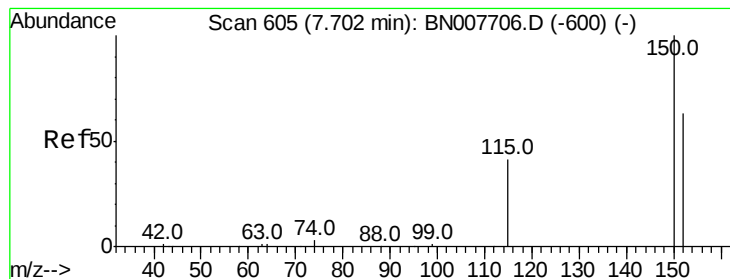
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 18:24:40 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

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RE131D2-20190910DL

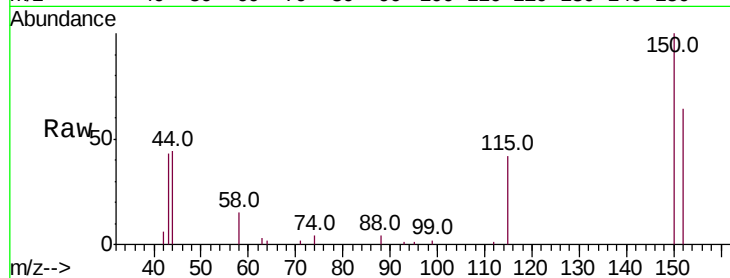
Tot Ion:152 Resp: 6124

Ion Ratio Lower Upper

152 100

150 155.6 125.6 188.4

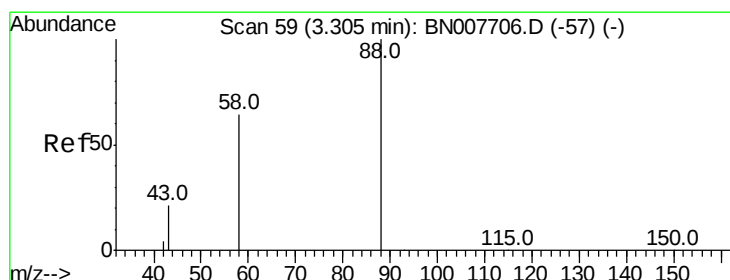
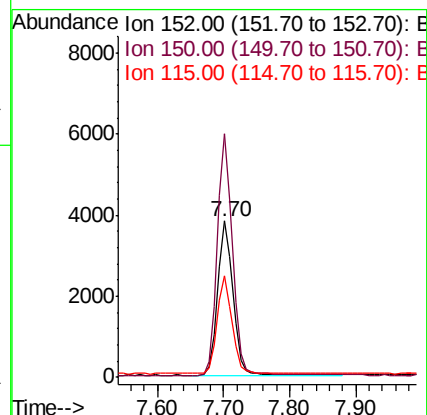
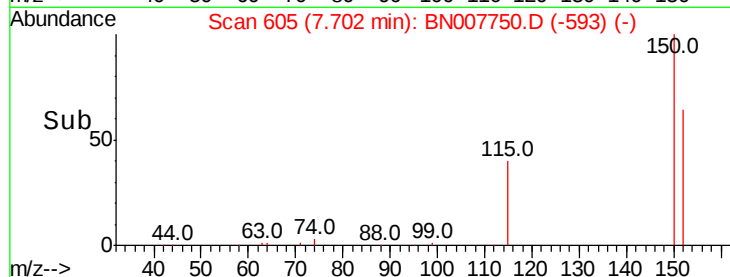
115 64.7 53.3 79.9



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: 1.558 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

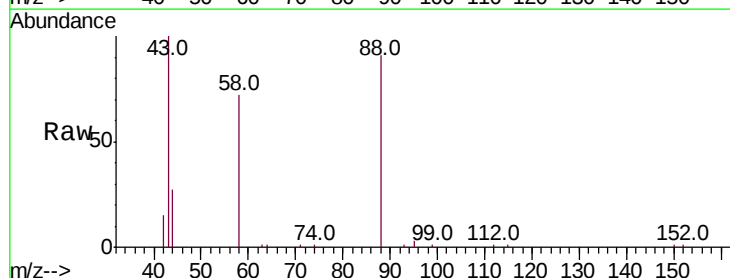
Tgt Ion: 88 Resp: 10636

Ion Ratio Lower Upper

88 100

58 60.5 44.6 66.8

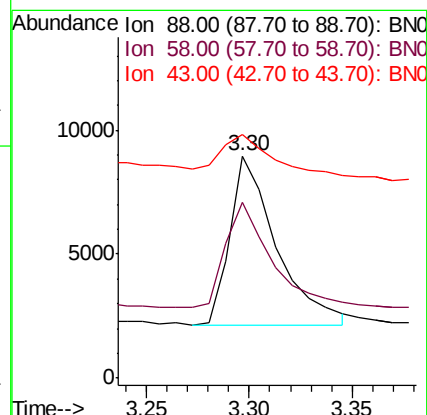
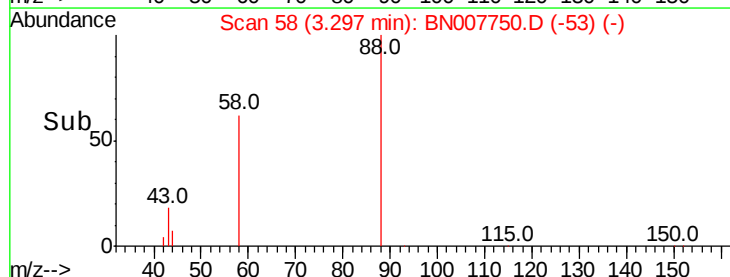
43 25.7 14.4 21.6#

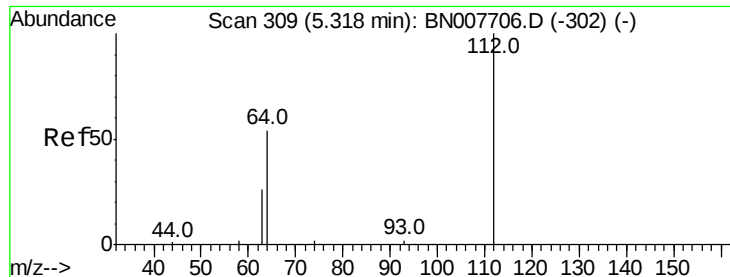


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.025 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910DL

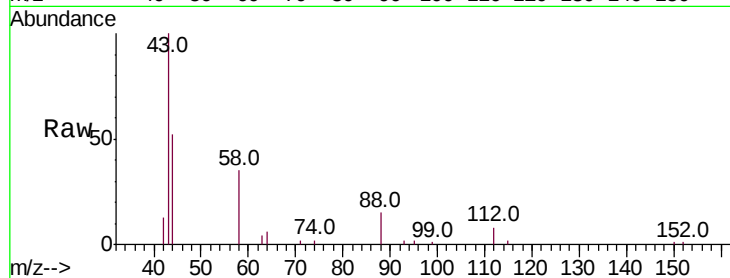
Tot Ion:112 Resp: 526

Ion Ratio Lower Upper

112 100

64 57.4 46.6 70.0

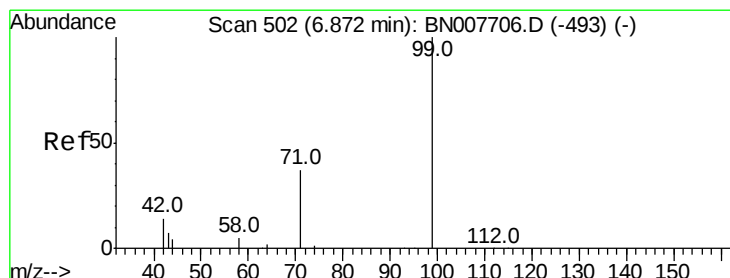
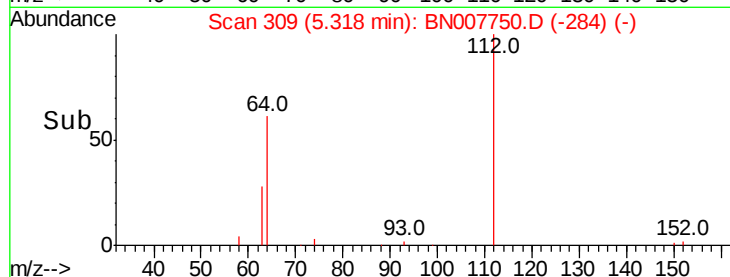
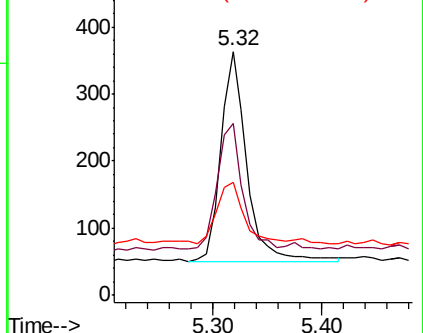
63 31.2 23.1 34.7



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: 0.012 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

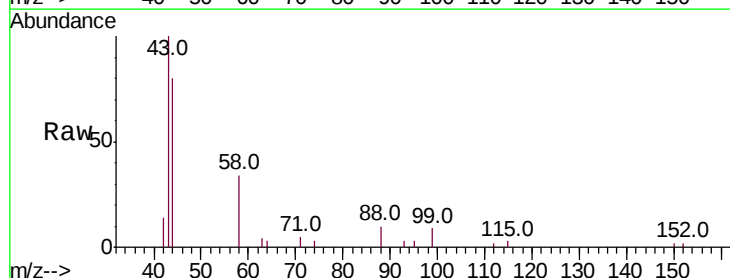
Tgt Ion: 99 Resp: 478

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

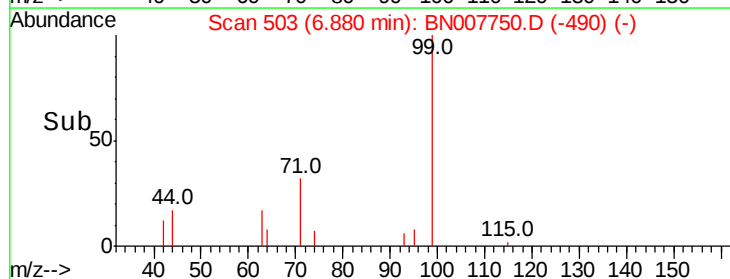
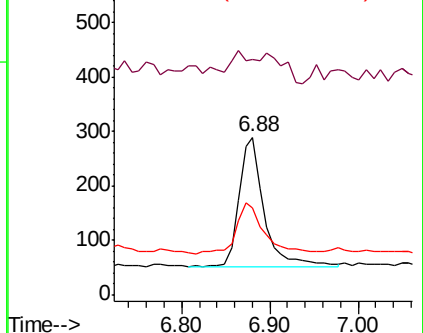
71 42.1 27.6 41.4#

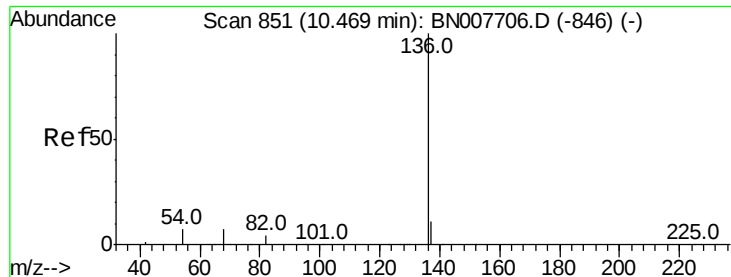


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910DL

Tot Ion:136 Resp: 23065

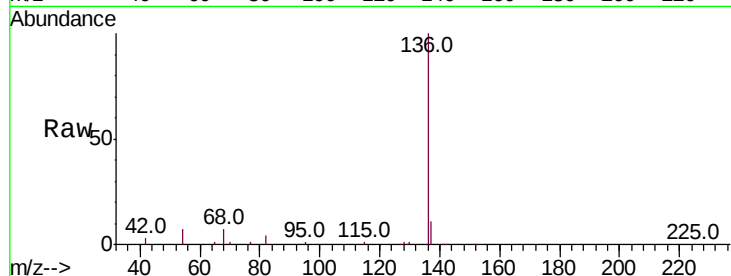
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.6 5.8 8.8

68 7.2 6.5 9.7

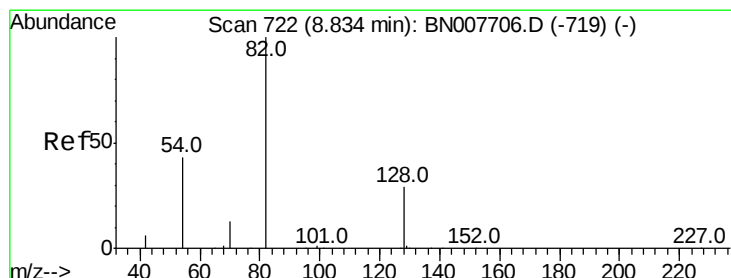
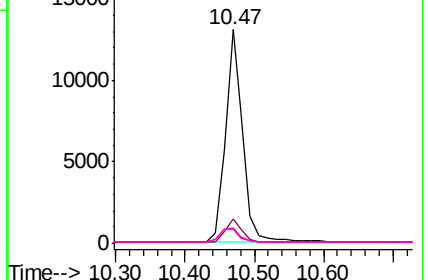
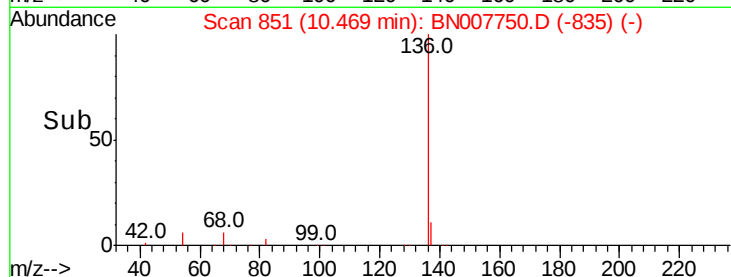


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.055 ng

RT: 8.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

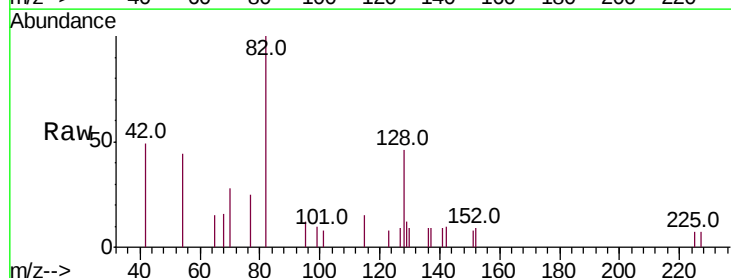
Tgt Ion: 82 Resp: 1114

Ion Ratio Lower Upper

82 100

128 45.6 24.5 36.7#

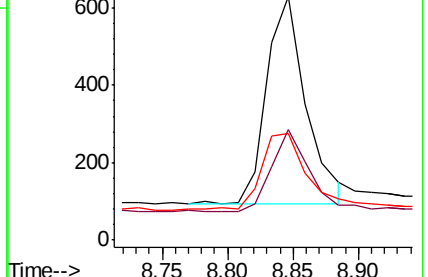
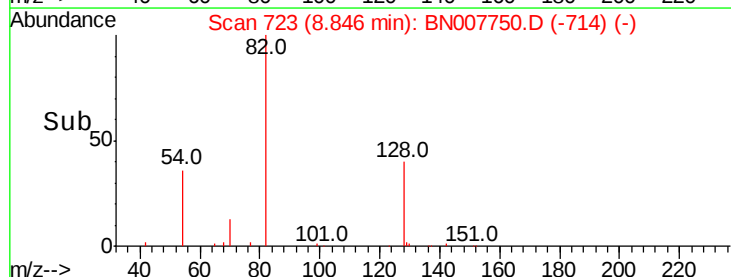
54 44.0 35.2 52.8

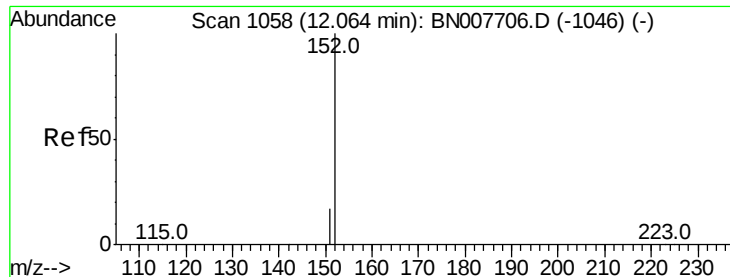


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

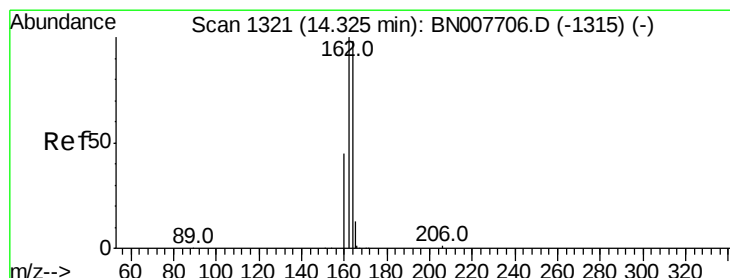
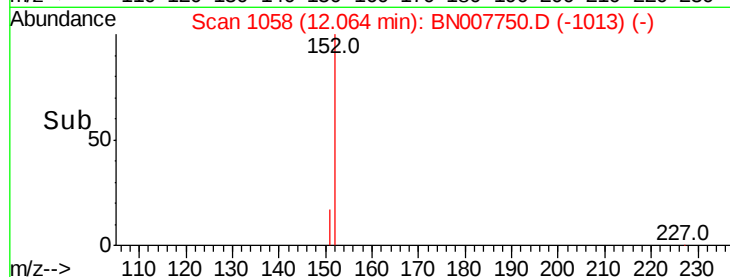
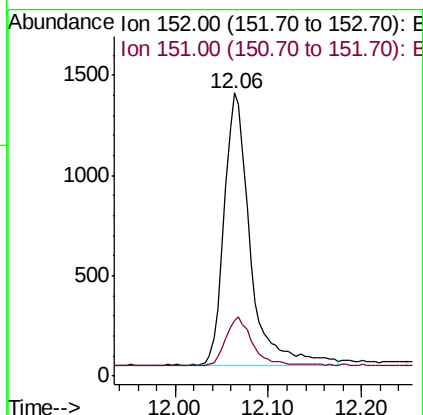
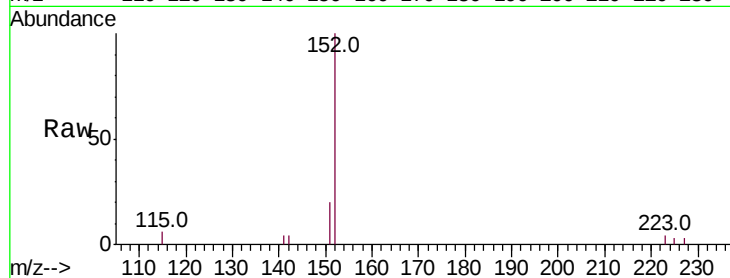




#11
2-Methylnaphthalene-d10
Concen: 0.068 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007750.D
Acq: 19 Sep 2019 20:34

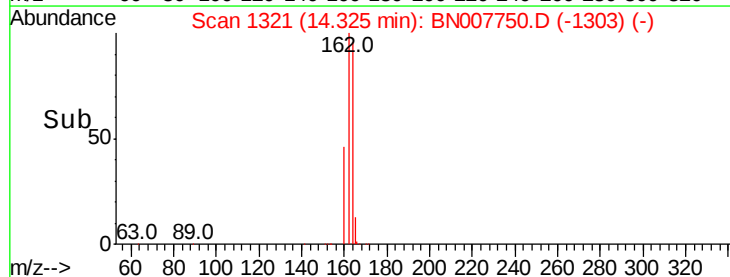
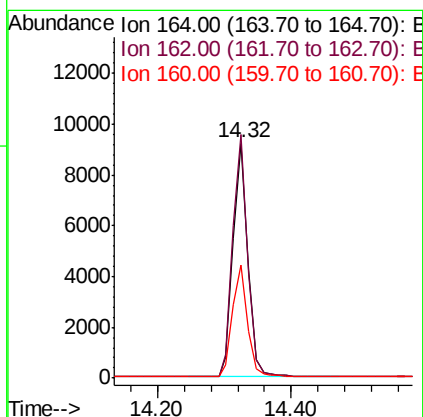
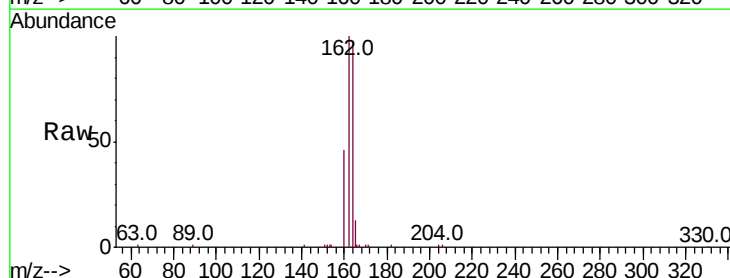
Instrument :
BNA_N
ClientSampleId :
RE131D2-20190910DL

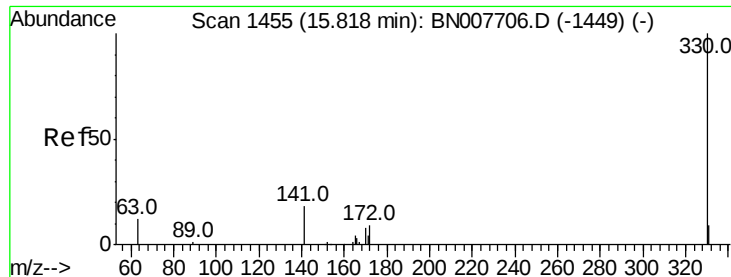
Tot Ion:152 Resp: 2636
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007750.D
Acq: 19 Sep 2019 20:34

Tgt Ion:164 Resp: 13971
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 48.0 37.0 55.4

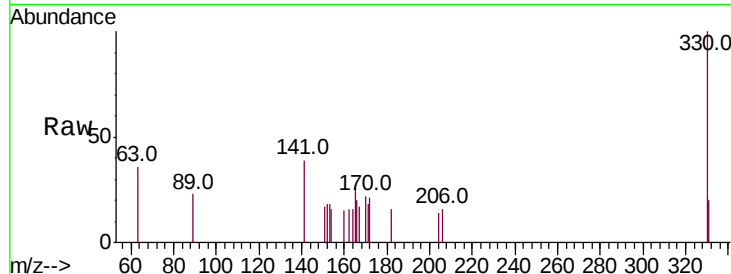




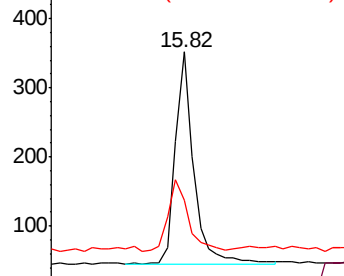
#14
 2,4,6-Tribromophenol
 Concen: 0.070 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007750.D
 Acq: 19 Sep 2019 20:34

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20190910DL

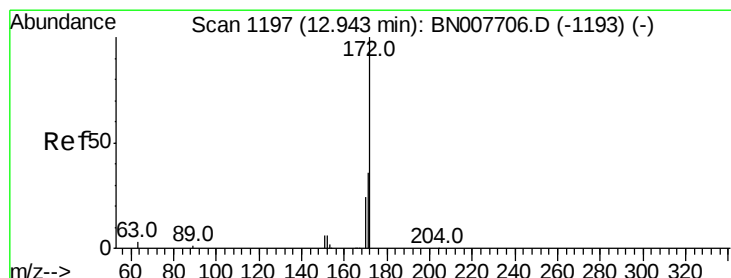
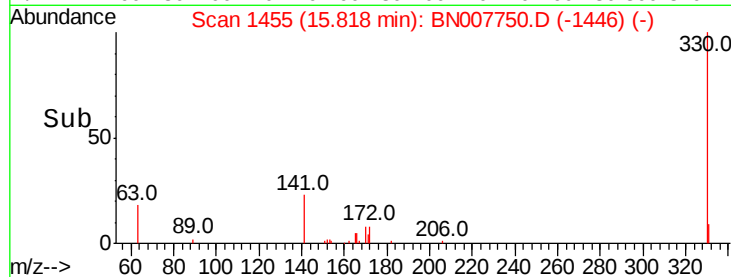
Tot Ion:330 Resp: 530
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.4 28.7 43.1



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

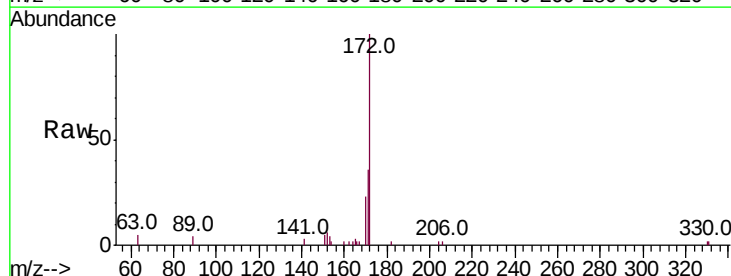


Time-->

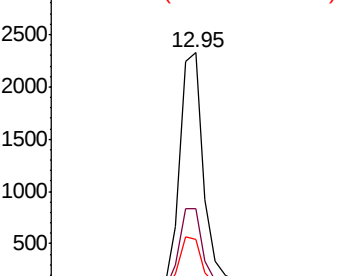


#15
 2-Fluorobiphenyl
 Concen: 0.079 ng
 RT: 12.95 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BN007750.D
 Acq: 19 Sep 2019 20:34

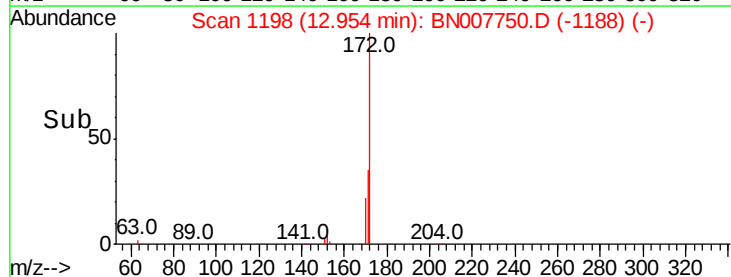
Tgt Ion:172 Resp: 4548
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.8 43.2
 170 23.3 19.5 29.3

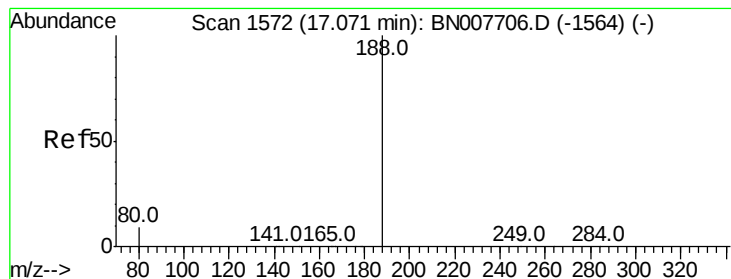


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910DL

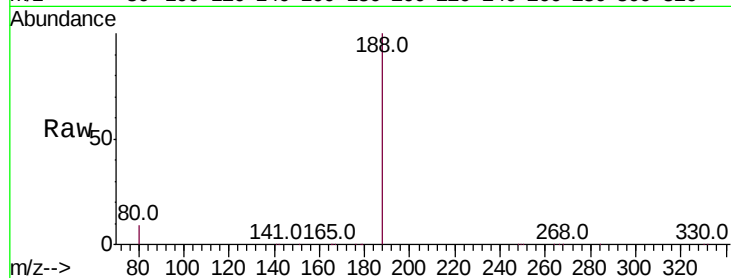
Tot Ion:188 Resp: 32956

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

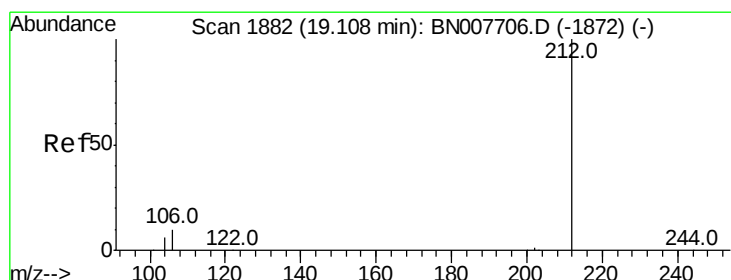
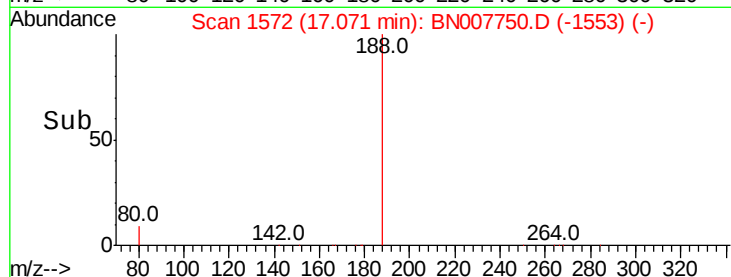
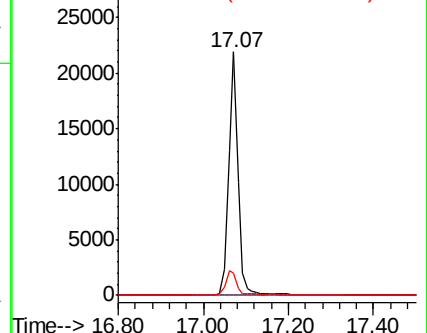
80 9.3 7.4 11.2



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



#25

Fluoranthene-d10

Concen: 0.070 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

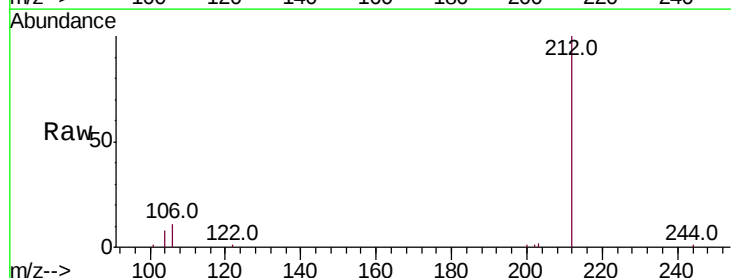
Tgt Ion:212 Resp: 7724

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

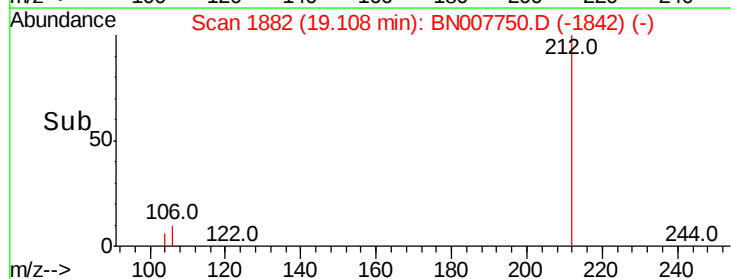
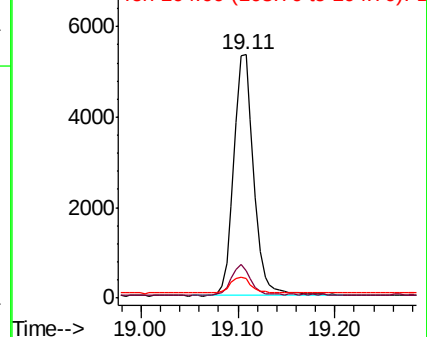
104 7.1 5.3 7.9

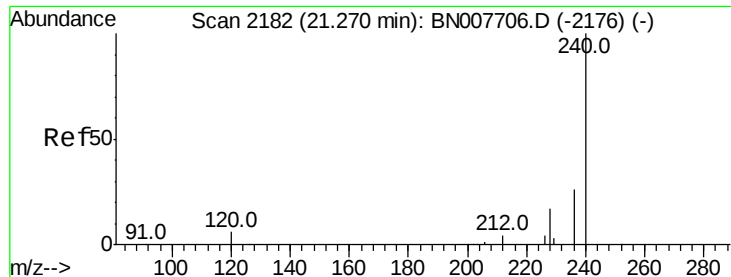


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

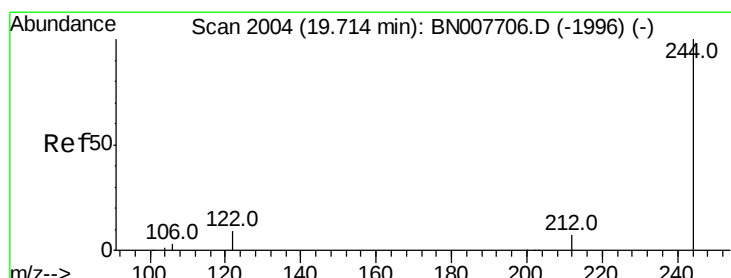
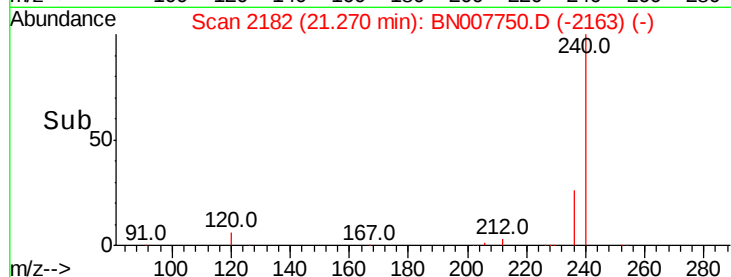
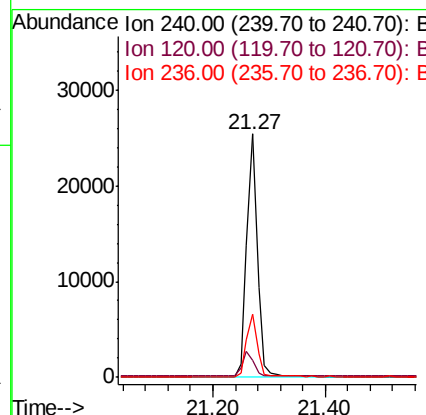
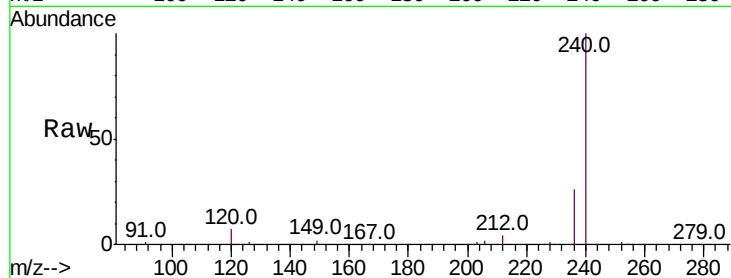




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BN007750.D
 Acq: 19 Sep 2019 20:34

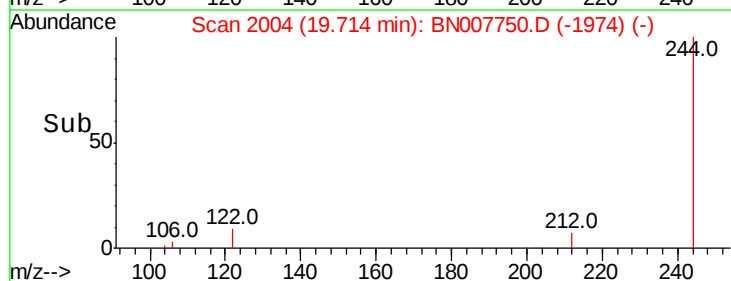
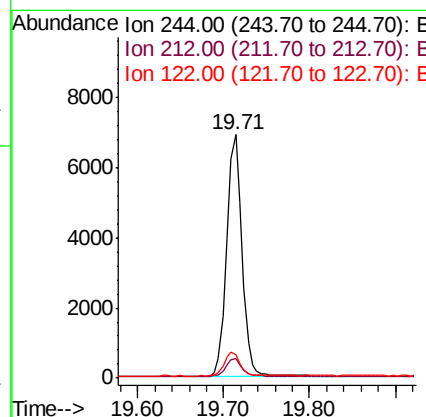
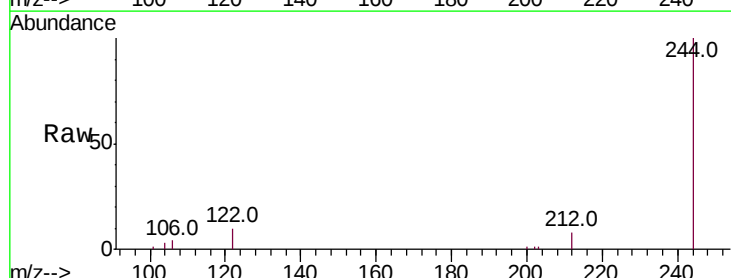
Instrument :
 BNA_N
 ClientSampleID :
 RE131D2-20190910DL

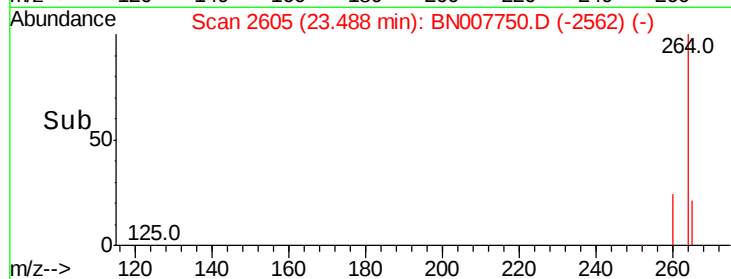
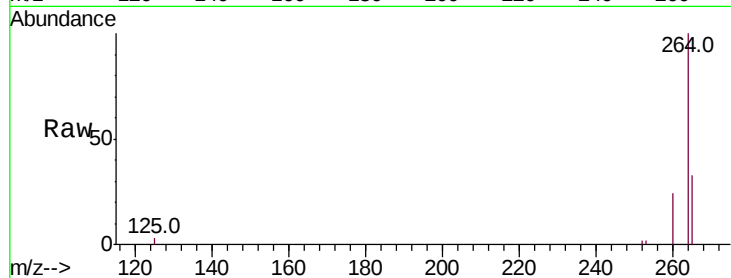
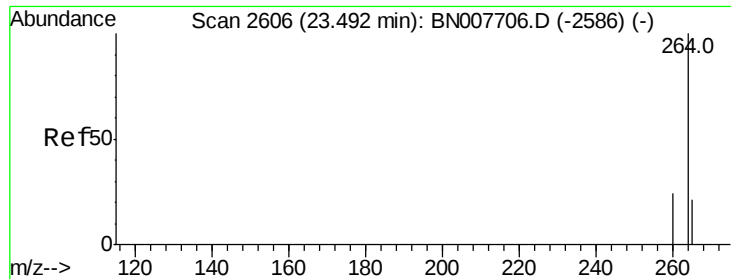
Tot Ion:240 Resp: 33361
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.4 8.2
 236 26.1 21.0 31.4



#29
 Terphenyl-d14
 Concen: 0.105 ng
 RT: 19.71 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BN007750.D
 Acq: 19 Sep 2019 20:34

Tgt Ion:244 Resp: 8605
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.6 7.4 11.2





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007750.D

Acq: 19 Sep 2019 20:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910DL

Tot Ion:264 Resp: 34074

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 33.1 26.9 40.3

