

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007757.D
 Acq On : 20 Sep 2019 00:44
 Operator : HP/JU
 Sample : K4918-13MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-1MSD

Quant Time: Sep 20 01:51:04 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	7256	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	29223	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	21415	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	35542	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37871	0.40	ng	0.00
34) Perylene-d12	23.48	264	45935	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	7127	0.29	ng	0.00
5) Phenol-d6	6.87	99	9789	0.31	ng	0.00
8) Nitrobenzene-d5	8.83	82	8666	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	16589	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2700	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	21918	0.25	ng	0.00
25) Fluoranthene-d10	19.11	212	37388	0.31	ng	0.00
29) Terphenyl-d14	19.71	244	29198	0.31	ng	0.00

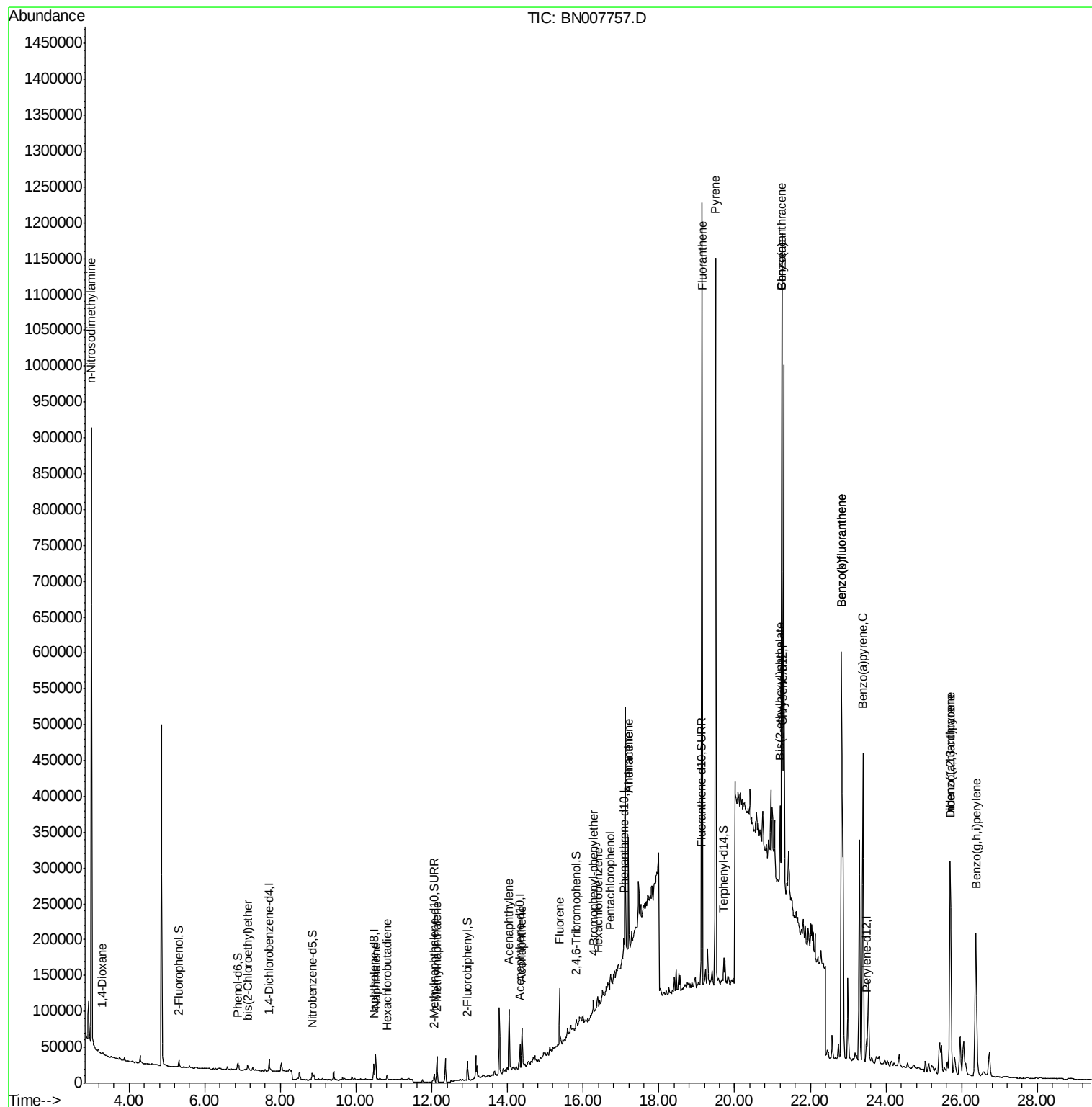
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2003	0.248	ng	# 61
3) n-Nitrosodimethylamine	3.01	42	62072	16.757	ng	# 69
6) bis(2-Chloroethyl)ether	7.14	93	8127	0.396	ng	93
9) Naphthalene	10.52	128	46366	0.565	ng	100
10) Hexachlorobutadiene	10.82	225	5673	0.328	ng	# 100
12) 2-Methylnaphthalene	12.13	142	25635	0.462	ng	100
16) Acenaphthylene	14.03	152	108938	0.959	ng	99
17) Acenaphthene	14.38	154	30256	0.413	ng	97
18) Fluorene	15.37	166	39541	0.421	ng	98
20) 4-Bromophenyl-phenylether	16.26	248	8556	0.397	ng	# 16
21) Hexachlorobenzene	16.39	284	7091	0.301	ng	# 42
22) Pentachlorophenol	16.72	266	7642	0.879	ng	# 78
23) Phenanthrene	17.20	178	166941	1.508	ng	99
24) Anthracene	17.20	178	165362	1.654	ng	98
26) Fluoranthene	19.14	202	969750	7.044	ng	98
28) Pyrene	19.50	202	922713	7.144	ng	# 94
30) Benzo(a)anthracene	21.25	228	730281	5.236	ng	96
31) Chrysene	21.25	228	675895	4.973	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	93865	1.309	ng	# 84
33) Indeno(1,2,3-cd)pyrene	25.70	276	435041	2.556	ng	97
35) Benzo(b)fluoranthene	22.82	252	875557	5.490	ng	98
36) Benzo(k)fluoranthene	22.82	252	875733	5.553	ng	99
37) Benzo(a)pyrene	23.39	252	603116	4.025	ng	99
38) Dibenzo(a,h)anthracene	25.71	278	150165	0.979	ng	# 94
39) Benzo(g,h,i)perylene	26.37	276	415982	2.742	ng	100

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

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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: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

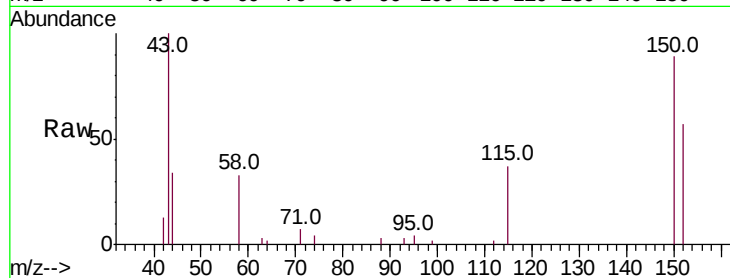
Tot Ion:152 Resp: 7256

Ion Ratio Lower Upper

152 100

150 154.2 125.6 188.4

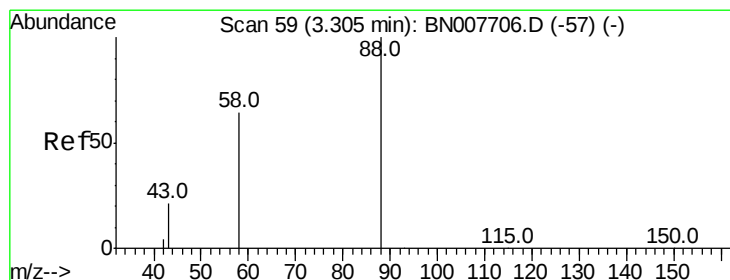
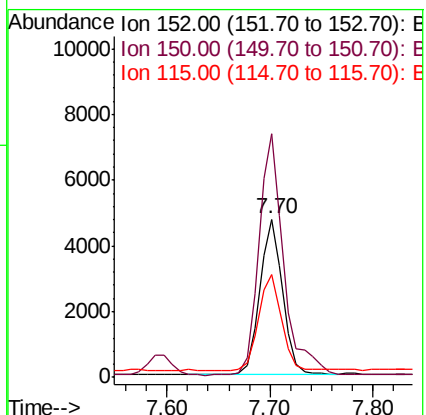
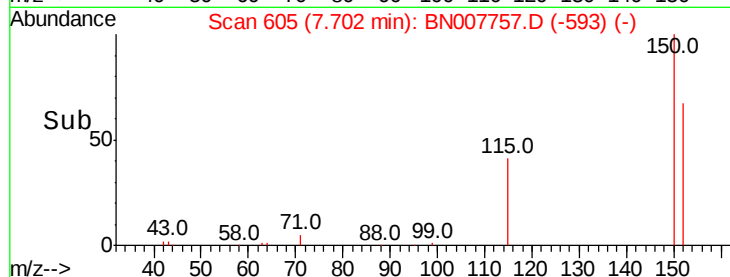
115 64.9 53.3 79.9



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: 0.248 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

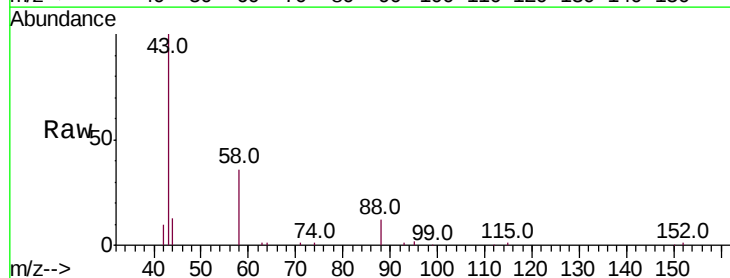
Tgt Ion: 88 Resp: 2003

Ion Ratio Lower Upper

88 100

58 84.0 44.6 66.8#

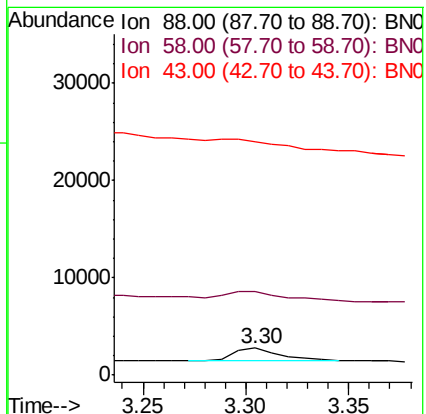
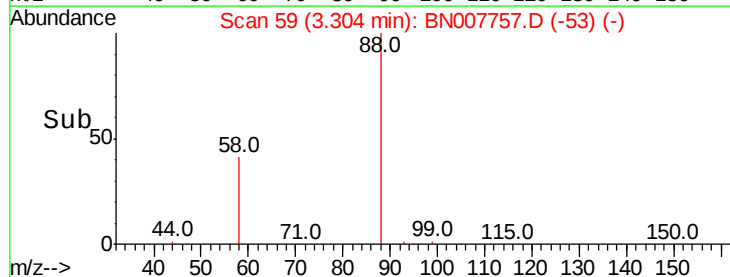
43 0.0 14.4 21.6#



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



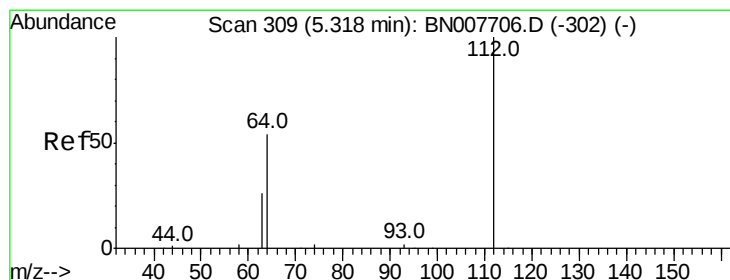
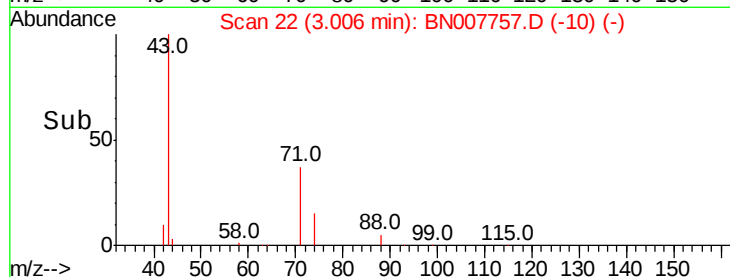
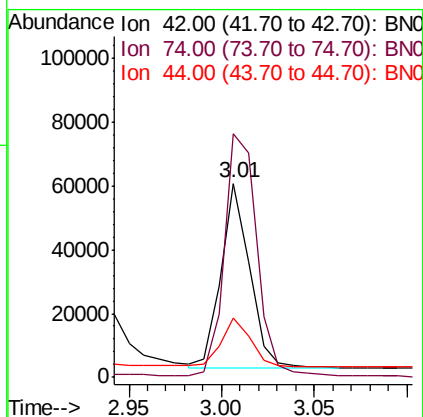
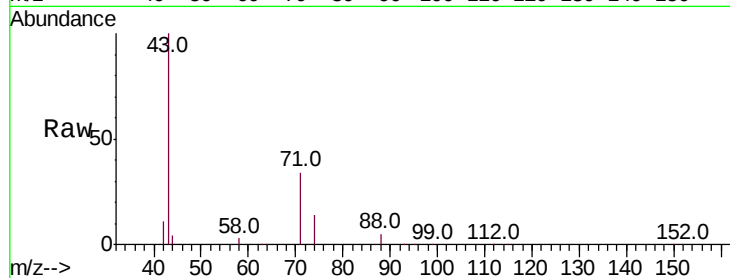


#3

n-Nitrosodimethylamine
 Concen: 16.757 ng
 RT: 3.01 min Scan# 22
 Delta R.T. -0.00 min
 Lab File: BN007757.D
 Acq: 20 Sep 2019 00:44

Instrument :
 BNA_N
 ClientSampleId :
 SB-1MSD

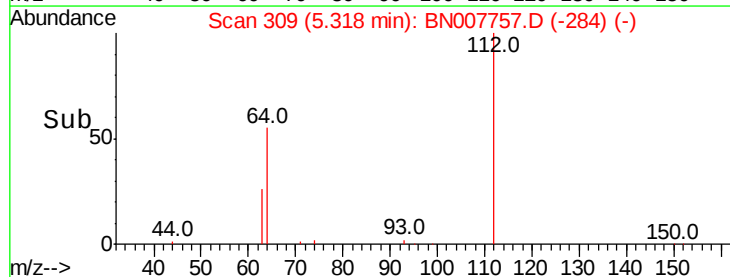
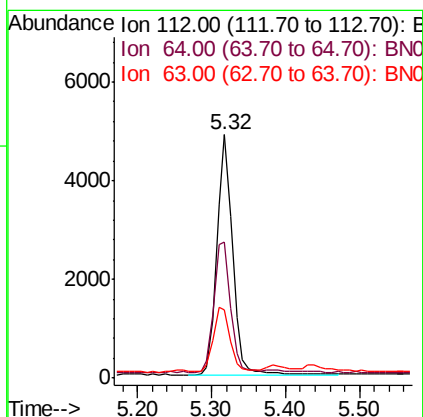
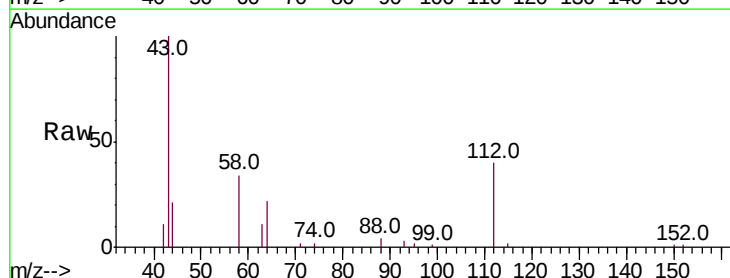
Tot Ion: 42 Resp: 62072
 Ion Ratio Lower Upper
 42 100
 74 148.6 87.9 131.9#
 44 27.5 29.4 44.0#

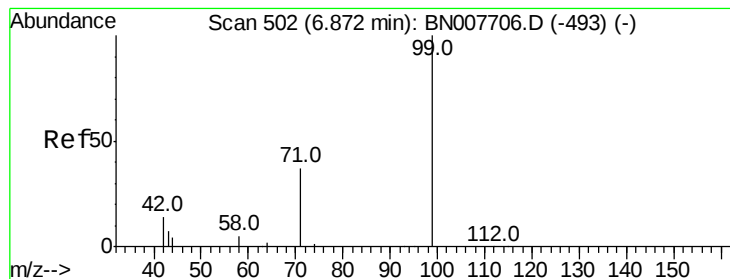


#4

2-Fluorophenol
 Concen: 0.285 ng
 RT: 5.32 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BN007757.D
 Acq: 20 Sep 2019 00:44

Tgt Ion: 112 Resp: 7127
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.6 70.0
 63 28.2 23.1 34.7





#5

Phenol-d6

Concen: 0.313 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

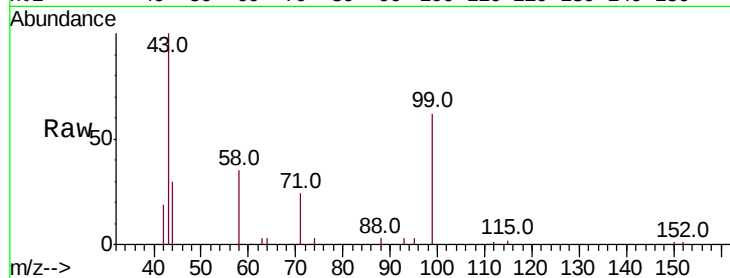
Tot Ion: 99 Resp: 9789

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

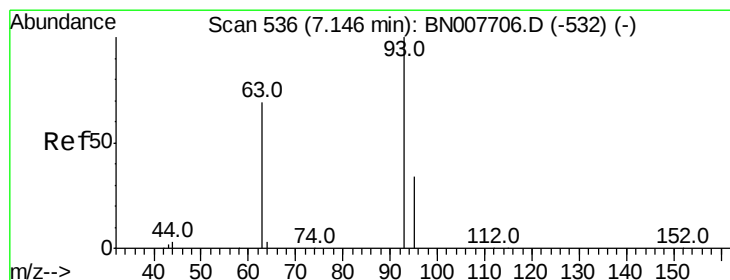
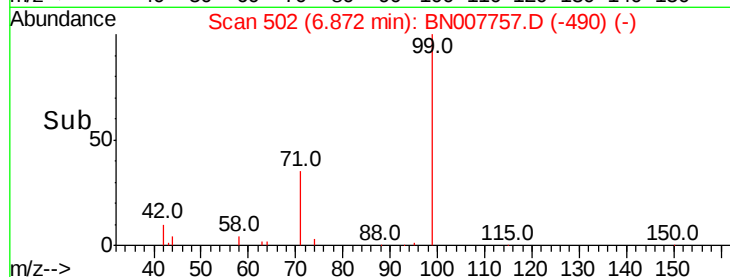
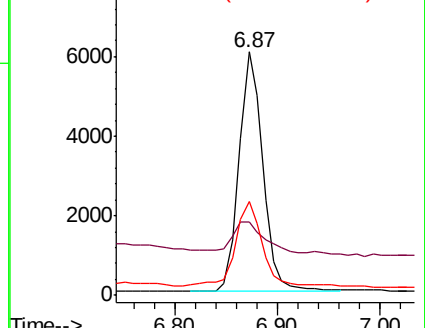
71 38.9 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

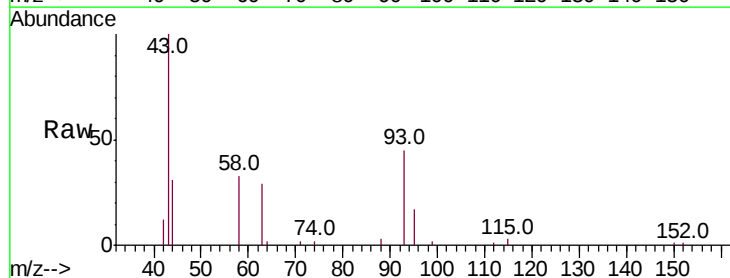
Tgt Ion: 93 Resp: 8127

Ion Ratio Lower Upper

93 100

63 66.9 59.3 88.9

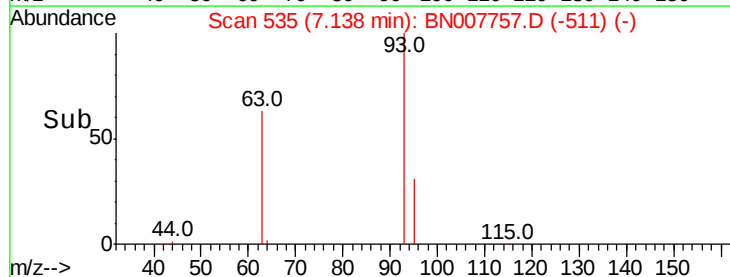
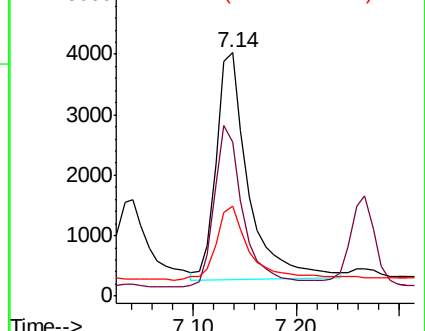
95 37.2 31.4 47.0

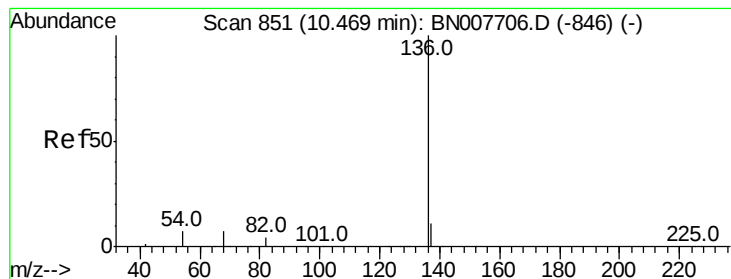


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

Tot Ion:136 Resp: 29223

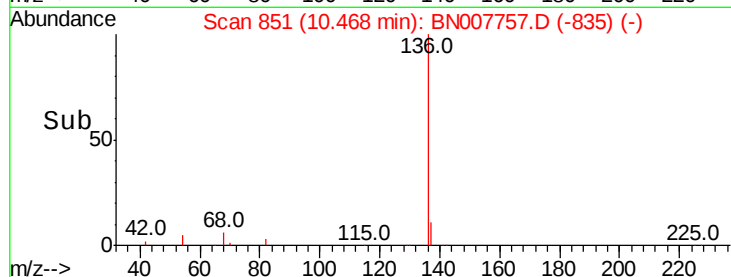
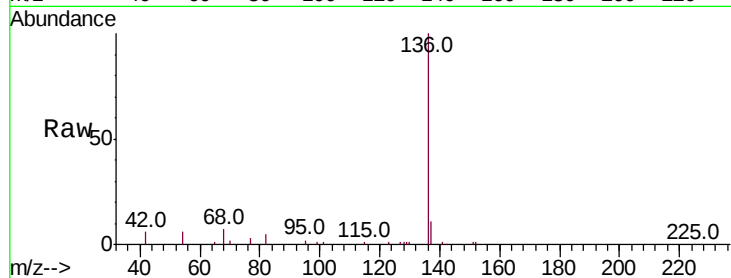
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.4 5.8 8.8

68 7.1 6.5 9.7

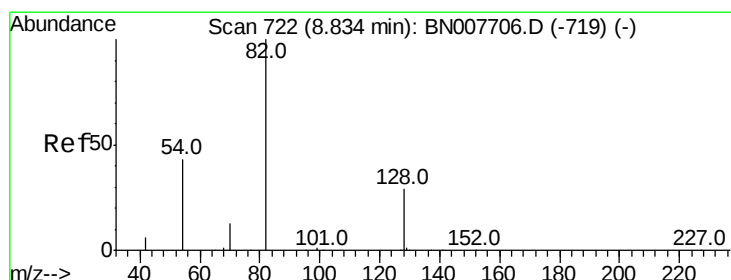
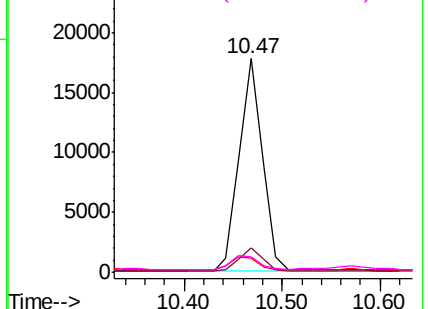


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

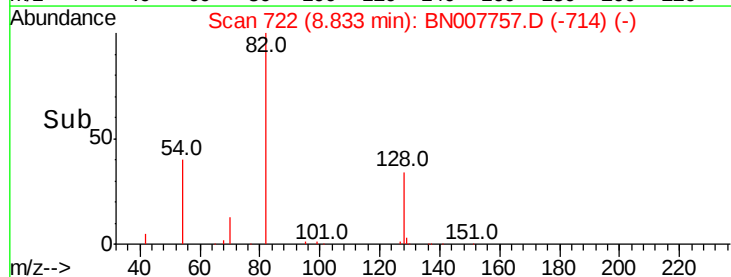
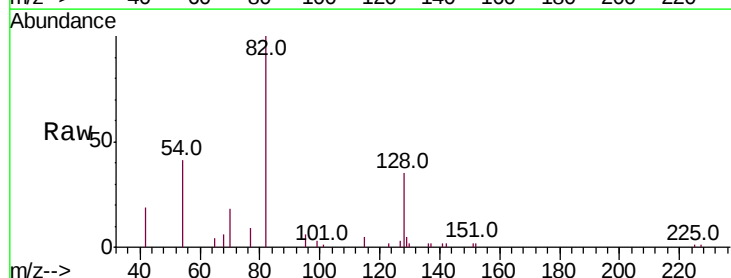
Tgt Ion: 82 Resp: 8666

Ion Ratio Lower Upper

82 100

128 34.7 24.5 36.7

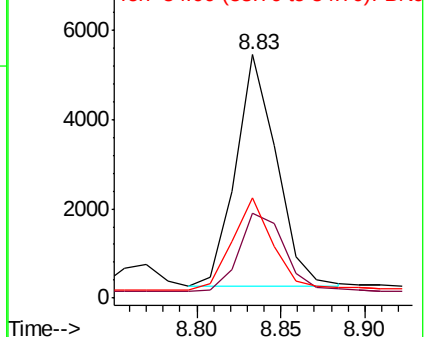
54 41.0 35.2 52.8

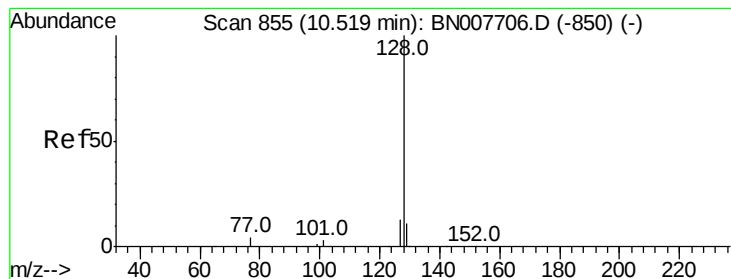


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.565 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

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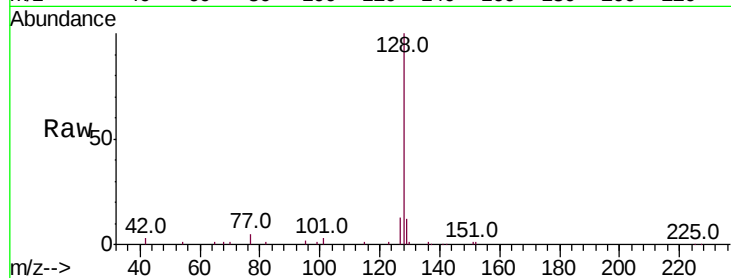
Tot Ion:128 Resp: 46366

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

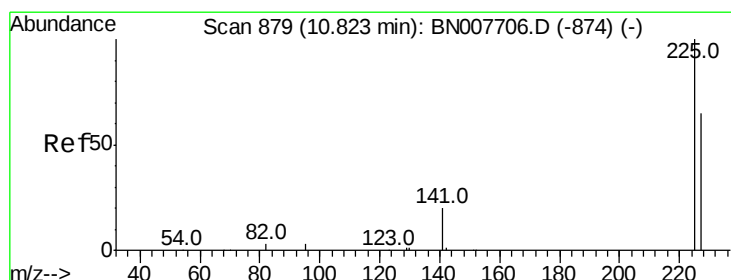
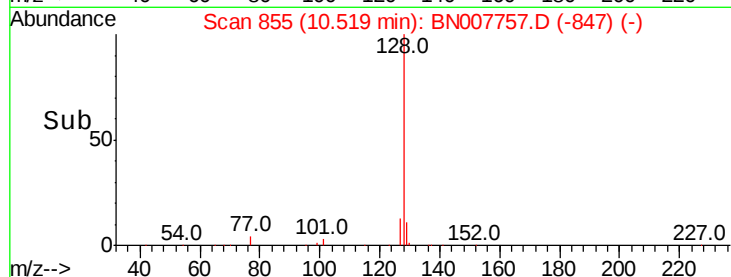
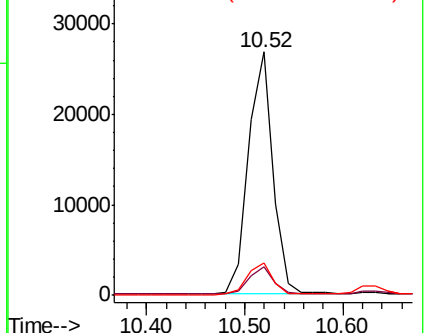
127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.328 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

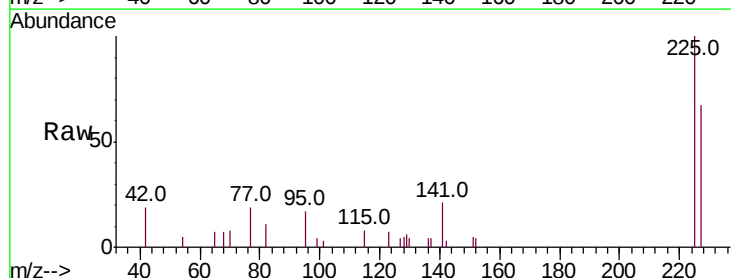
Tgt Ion:225 Resp: 5673

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

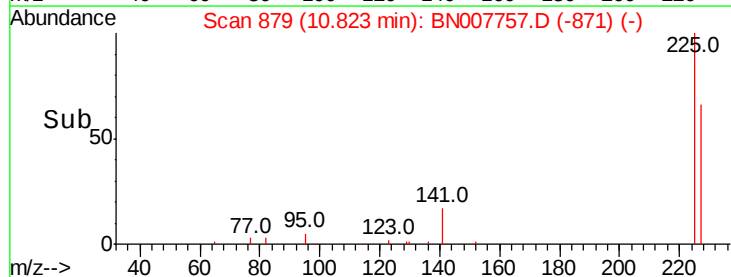
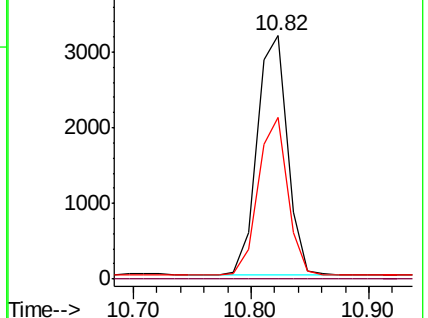
227 63.6 51.2 76.8

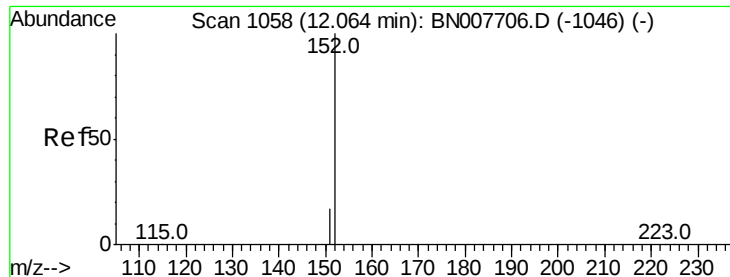


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

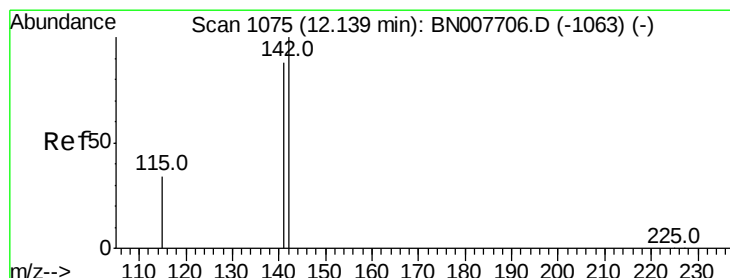
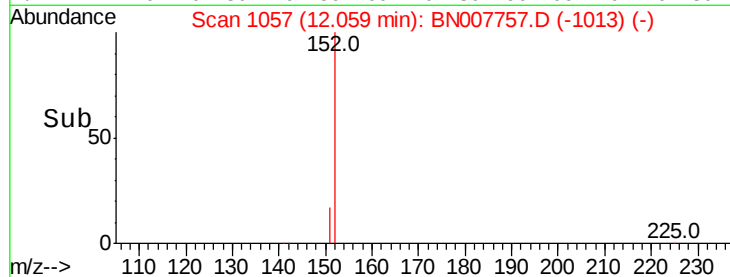
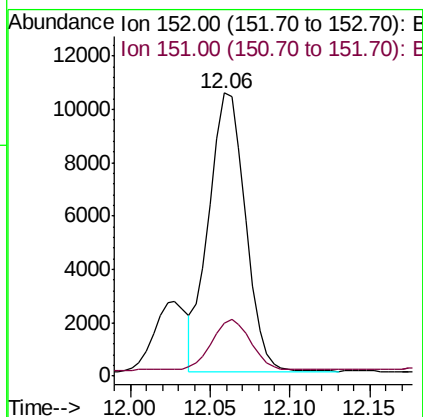
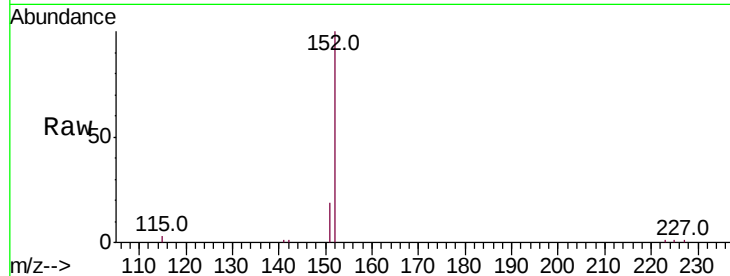




#11
 2-Methylnaphthalene-d10
 Concen: 0.337 ng
 RT: 12.06 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BN007757.D
 Acq: 20 Sep 2019 00:44

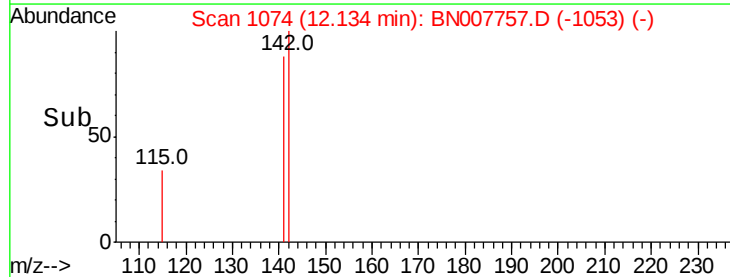
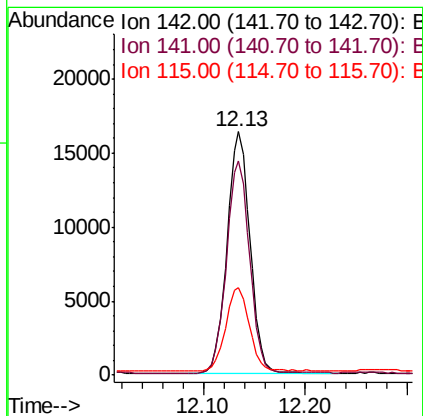
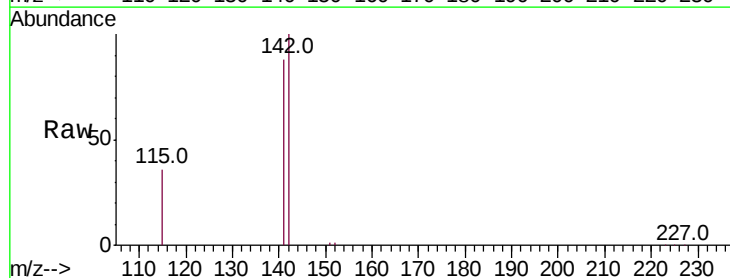
Instrument :
 BNA_N
 ClientSampleId :
 SB-1MSD

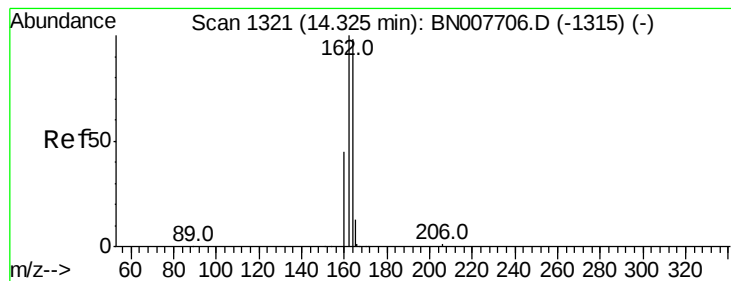
Tot Ion:152 Resp: 16589
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.462 ng
 RT: 12.13 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BN007757.D
 Acq: 20 Sep 2019 00:44

Tgt Ion:142 Resp: 25635
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.6 106.0
 115 35.9 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

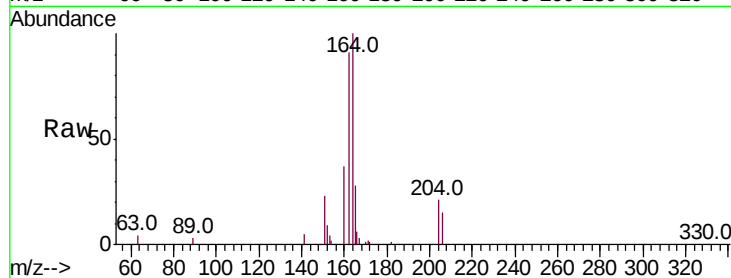
Tot Ion:164 Resp: 21415

Ion Ratio Lower Upper

164 100

162 90.9 81.7 122.5

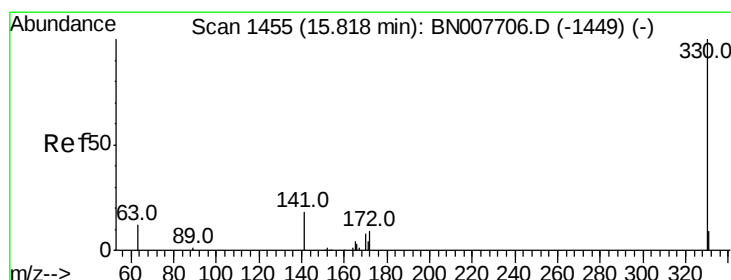
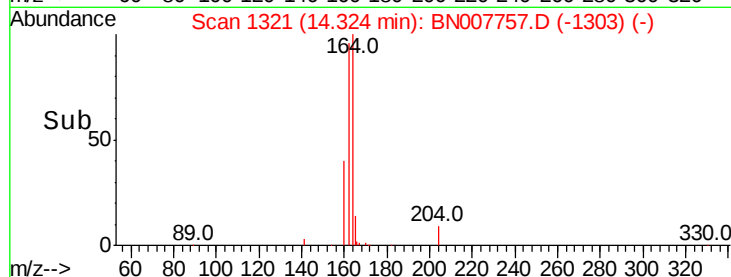
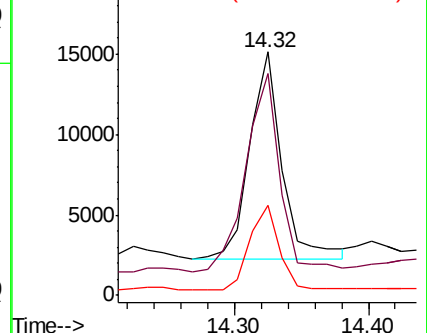
160 36.9 37.0 55.4#



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: 0.231 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

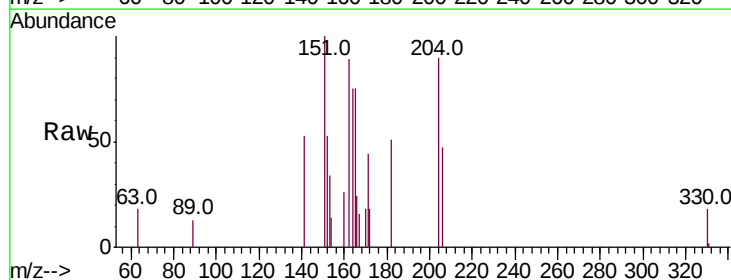
Tgt Ion:330 Resp: 2700

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

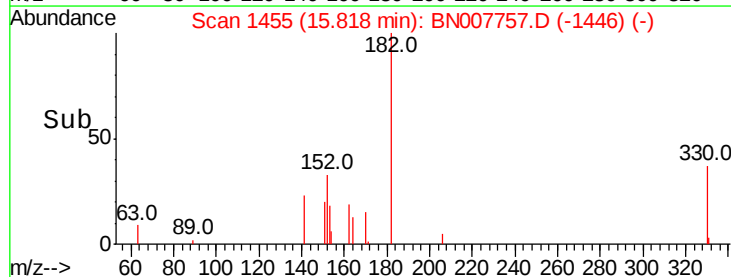
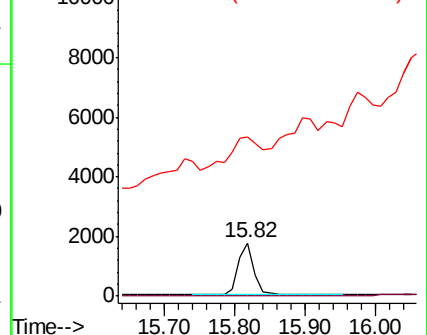
141 124.4 28.7 43.1#



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

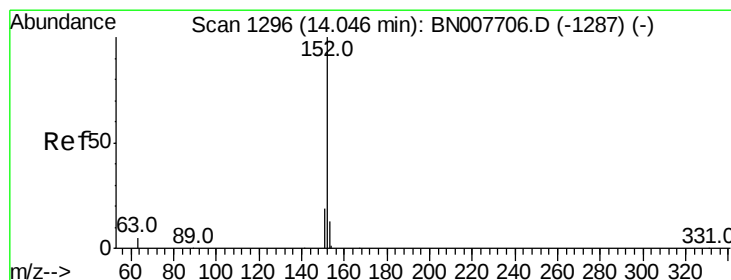
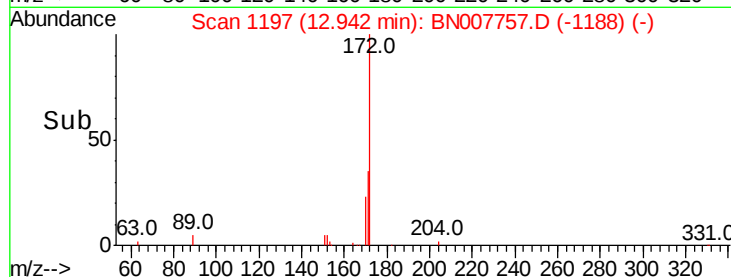
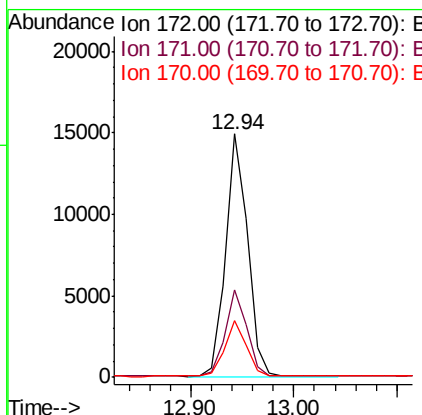
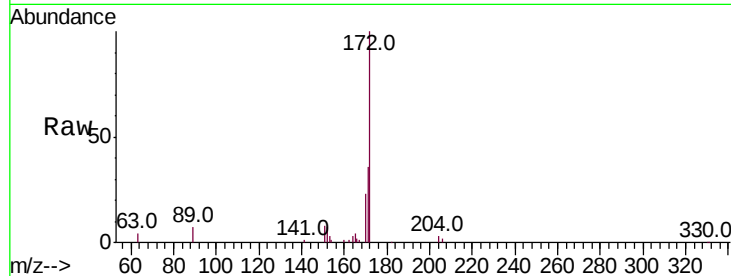




#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007757.D
Acq: 20 Sep 2019 00:44

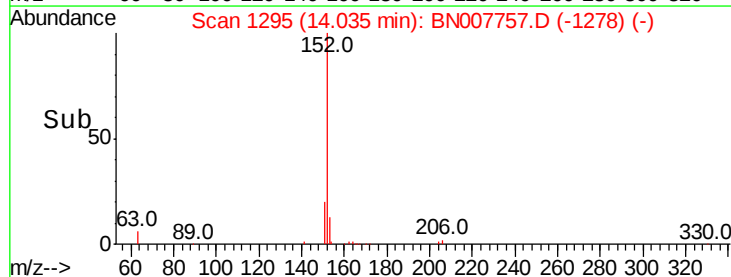
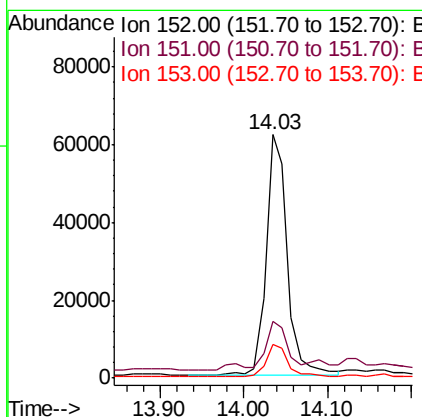
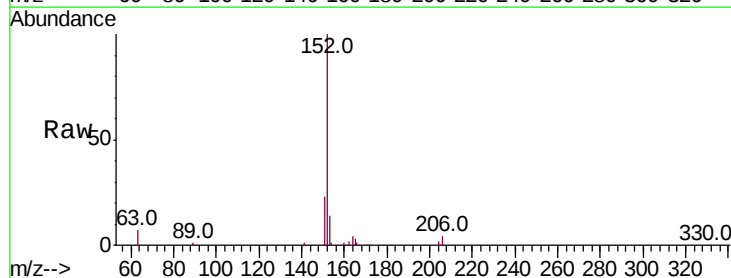
Instrument :
BNA_N
ClientSampleId :
SB-1MSD

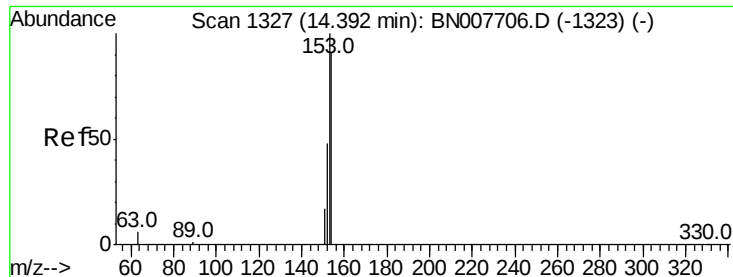
Tot Ion:172 Resp: 21918
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.1 19.5 29.3



#16
Acenaphthylene
Concen: 0.959 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007757.D
Acq: 20 Sep 2019 00:44

Tgt Ion:152 Resp: 108938
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.9 10.4 15.6





#17

Acenaphthene

Concen: 0.413 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

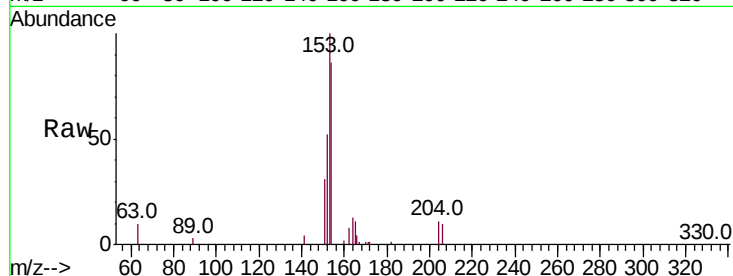
Tot Ion:154 Resp: 30256

Ion Ratio Lower Upper

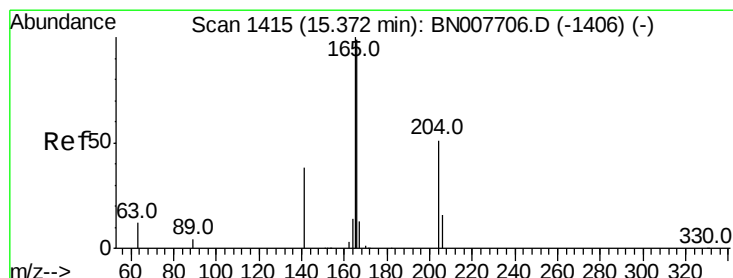
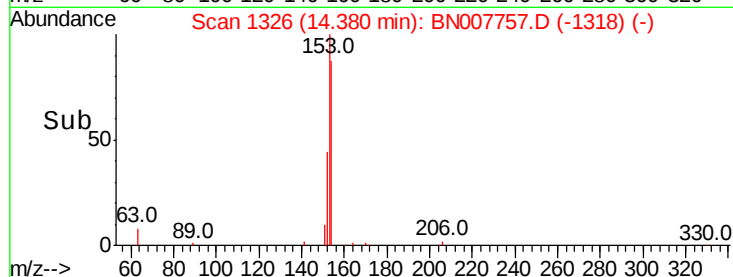
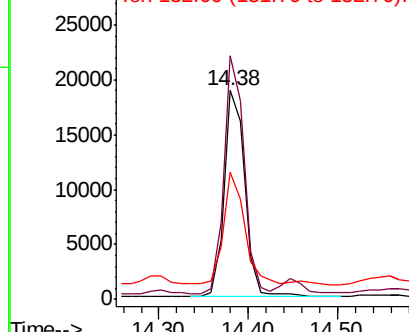
154 100

153 111.9 87.0 130.4

152 55.3 42.7 64.1



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: 0.421 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

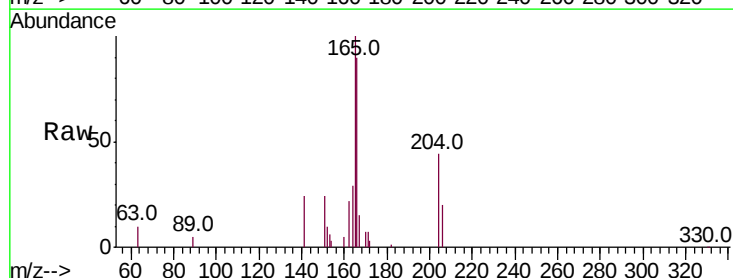
Tgt Ion:166 Resp: 39541

Ion Ratio Lower Upper

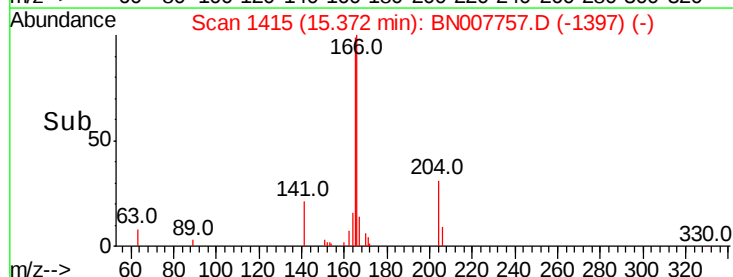
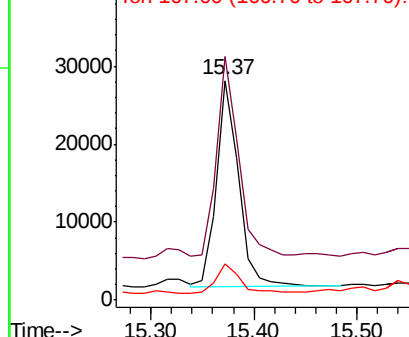
166 100

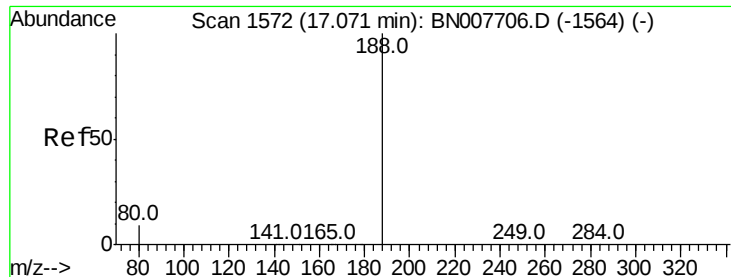
165 96.5 78.0 117.0

167 16.0 10.9 16.3



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: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

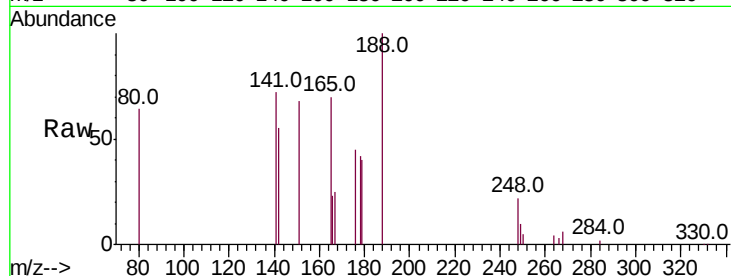
Tot Ion:188 Resp: 35542

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

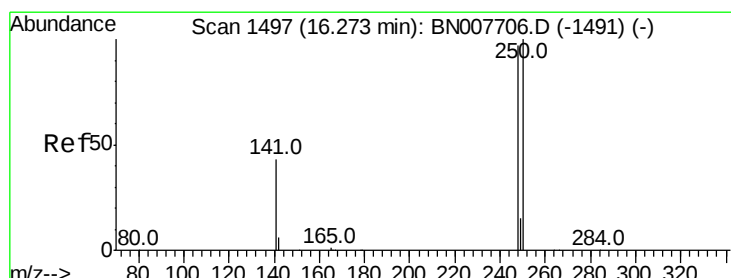
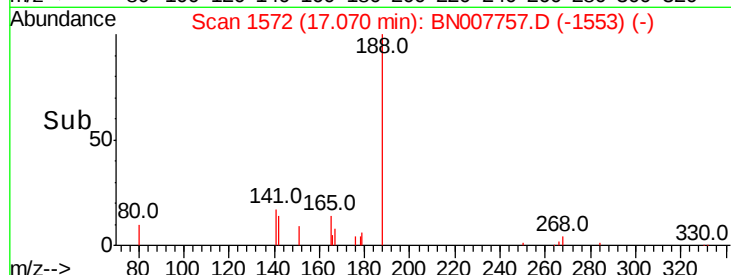
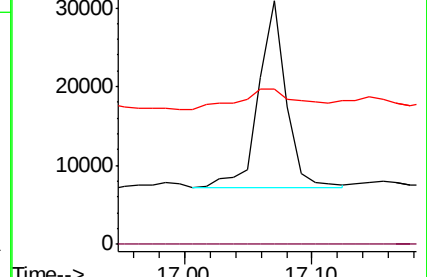
80 63.8 7.4 11.2#



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: 0.397 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

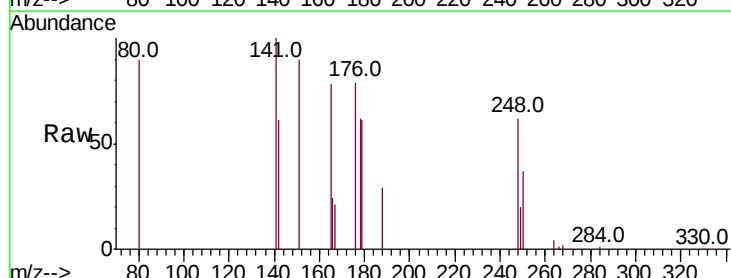
Tgt Ion:248 Resp: 8556

Ion Ratio Lower Upper

248 100

250 59.7 82.2 123.4#

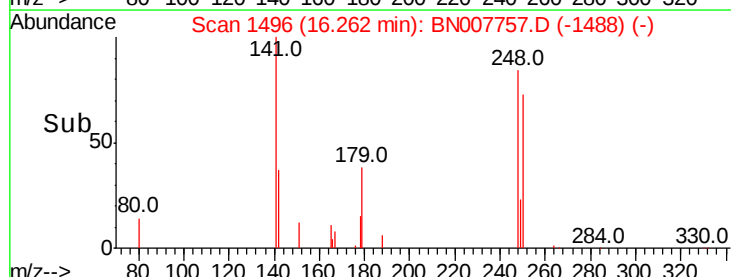
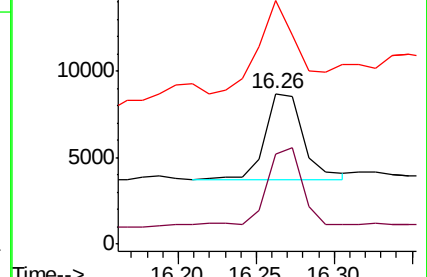
141 161.8 36.3 54.5#

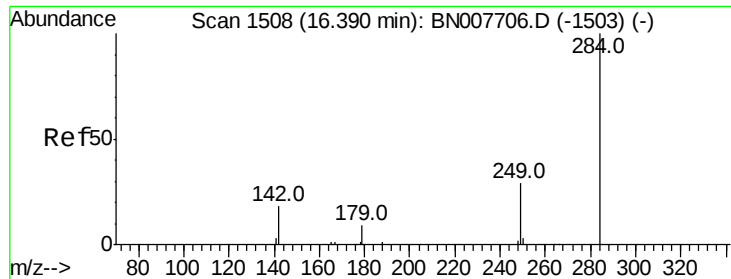


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.301 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

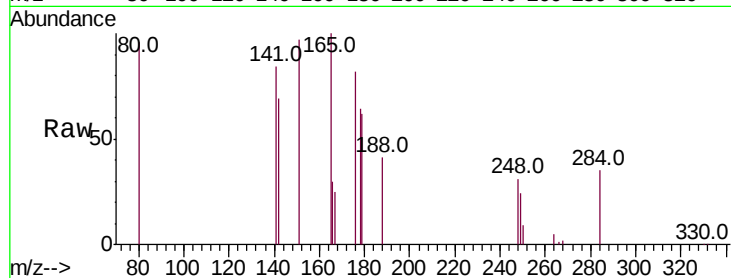
Tot Ion:284 Resp: 7091

Ion Ratio Lower Upper

284 100

142 72.8 25.8 38.6#

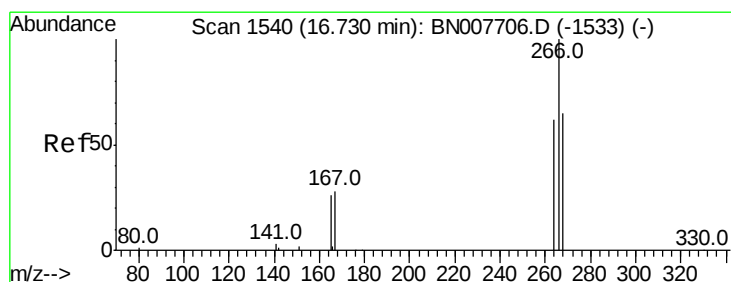
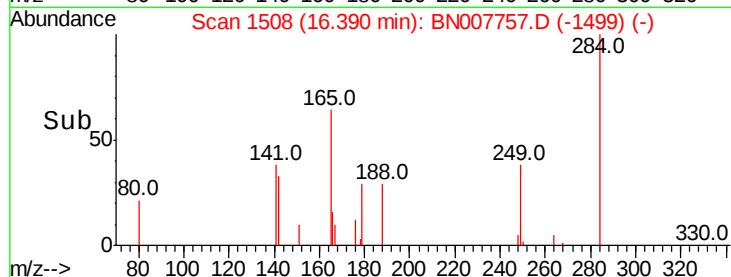
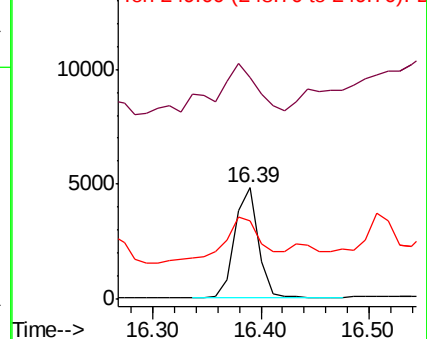
249 56.8 25.9 38.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.879 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

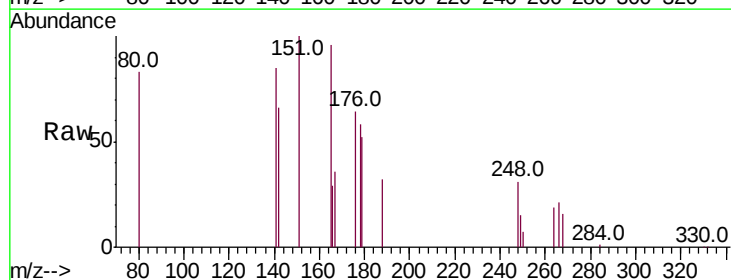
Tgt Ion:266 Resp: 7642

Ion Ratio Lower Upper

266 100

264 90.8 50.0 75.0#

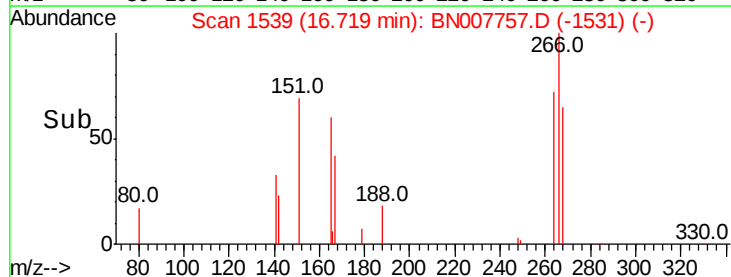
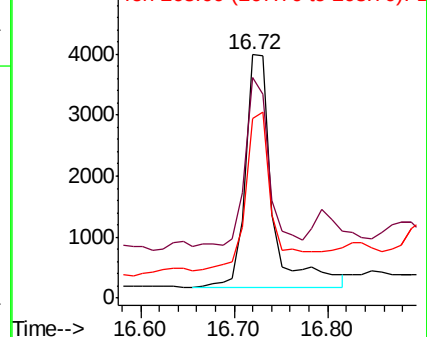
268 74.0 54.2 81.4

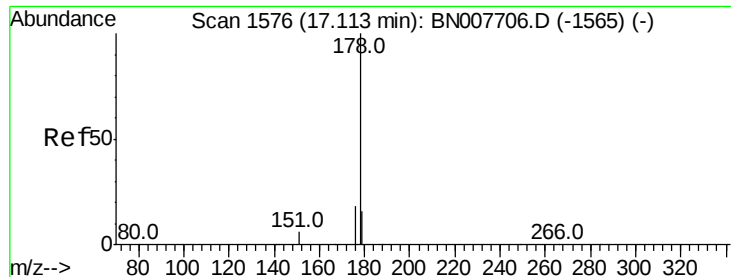


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.508 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.08 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

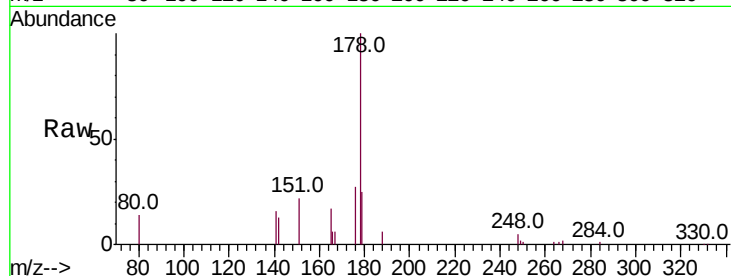
Tot Ion:178 Resp: 166941

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

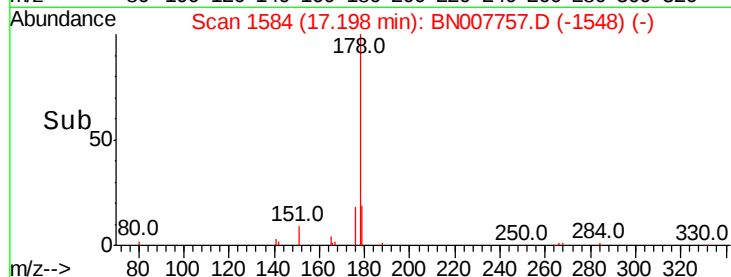
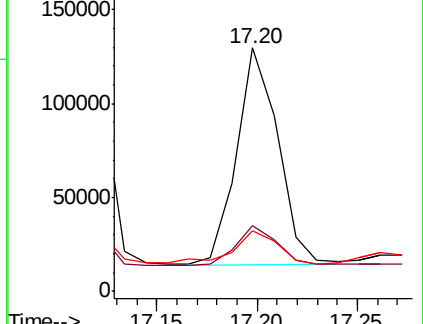
179 16.6 12.5 18.7



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



#24

Anthracene

Concen: 1.654 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

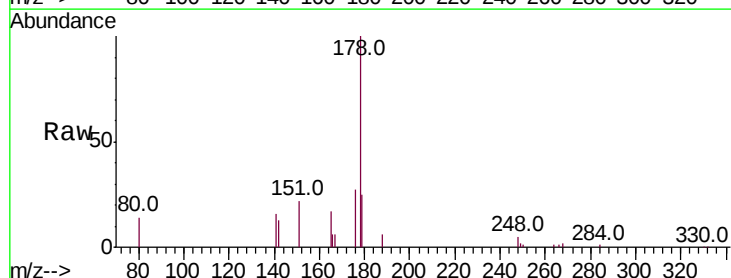
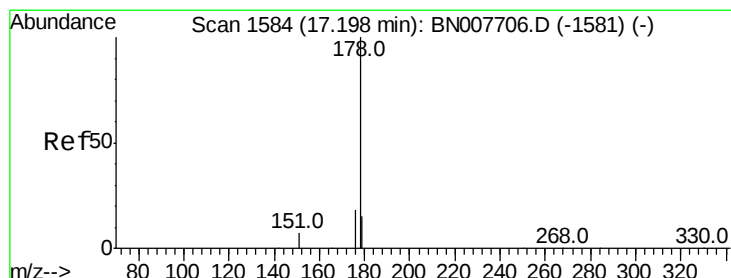
Tgt Ion:178 Resp: 165362

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

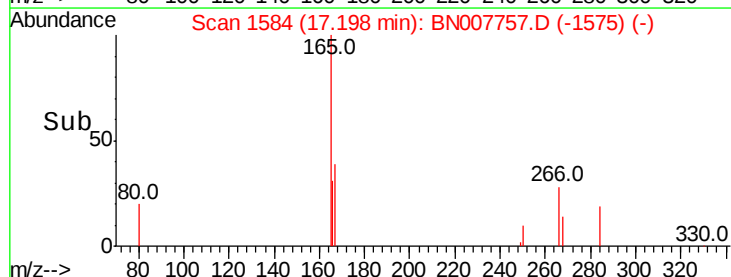
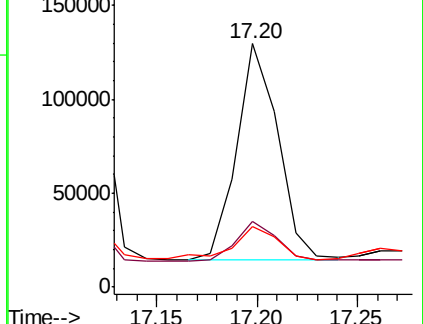
179 16.6 12.2 18.4

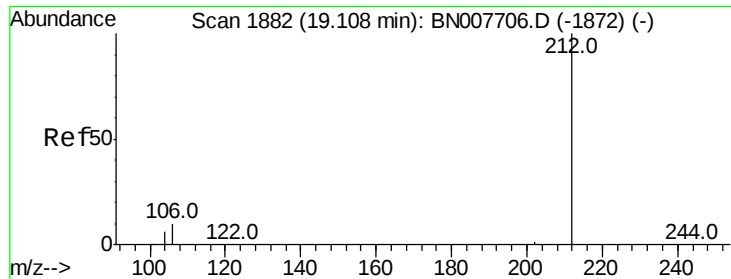


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.312 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

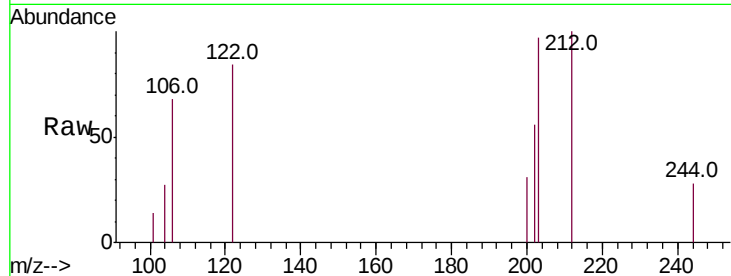
Tot Ion:212 Resp: 37388

Ion Ratio Lower Upper

212 100

106 15.3 9.4 14.0#

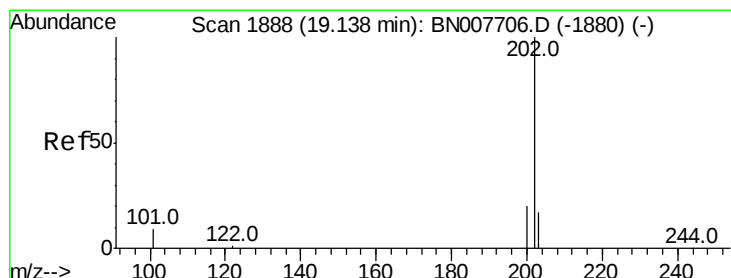
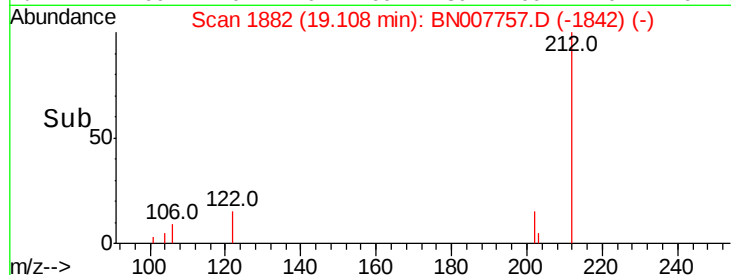
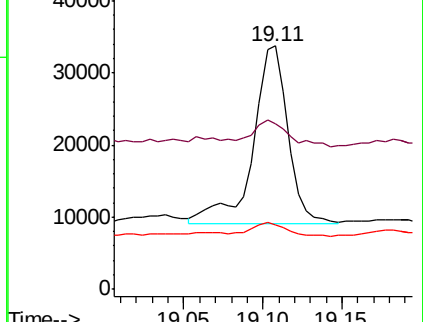
104 7.5 5.3 7.9



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



#26

Fluoranthene

Concen: 7.044 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

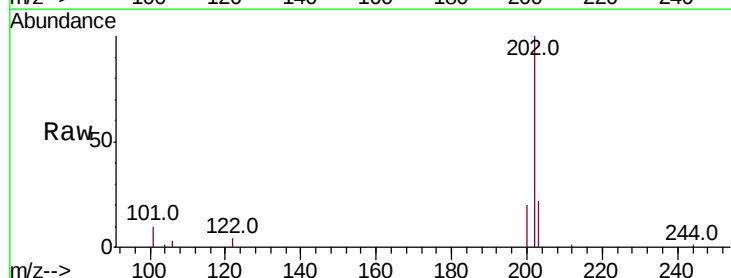
Tgt Ion:202 Resp: 969750

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

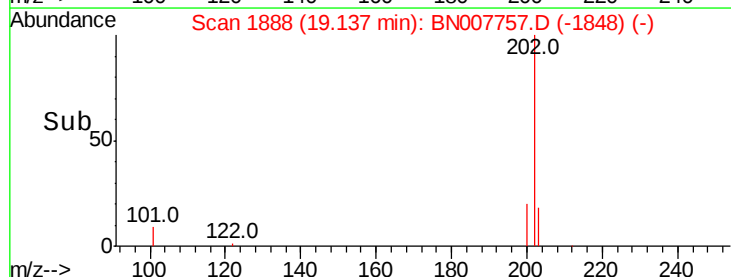
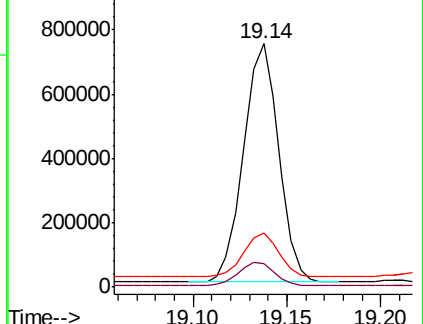
203 18.2 13.8 20.8



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: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

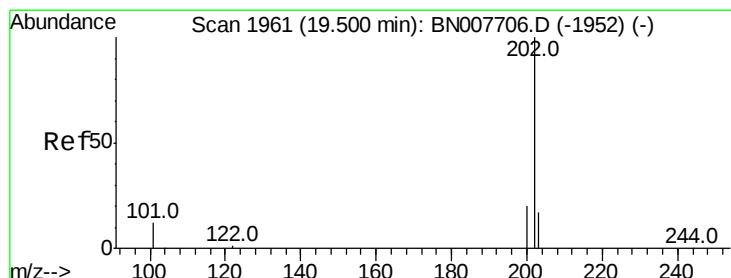
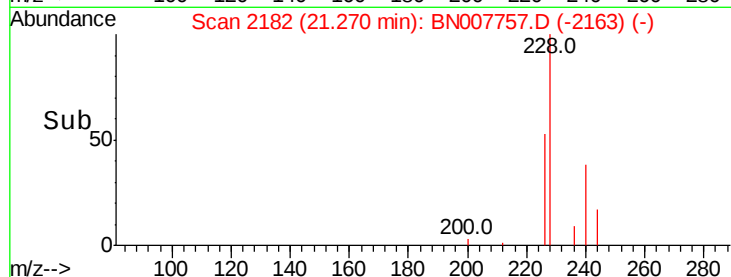
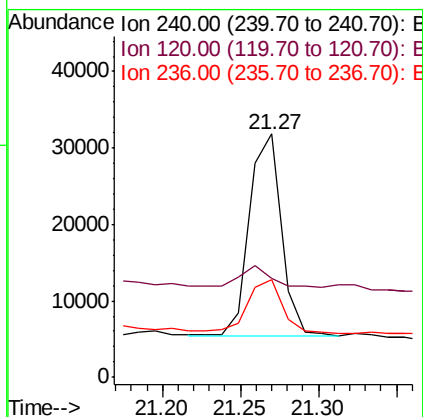
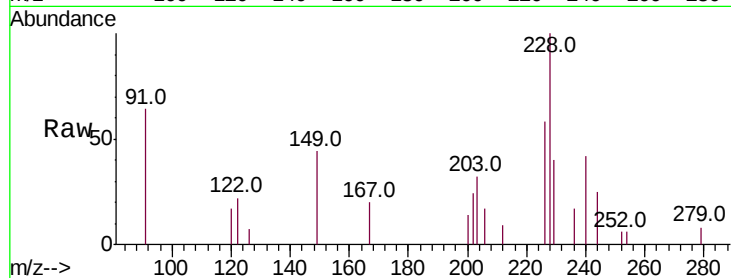
Tot Ion:240 Resp: 37871

Ion Ratio Lower Upper

240 100

120 40.5 5.4 8.2#

236 39.9 21.0 31.4#



#28

Pyrene

Concen: 7.144 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

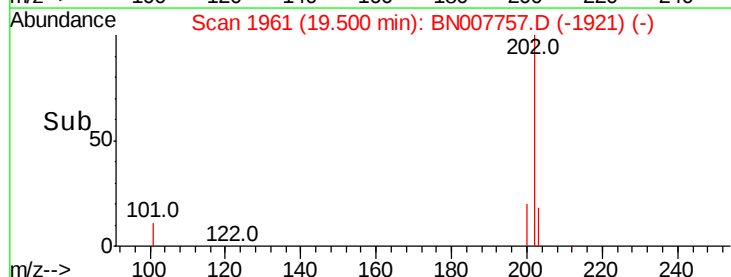
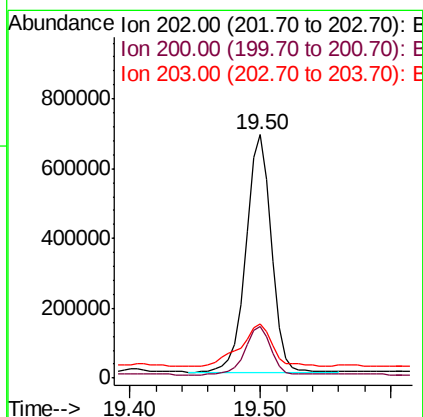
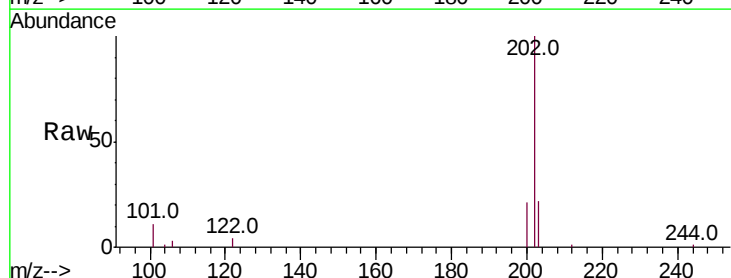
Tgt Ion:202 Resp: 922713

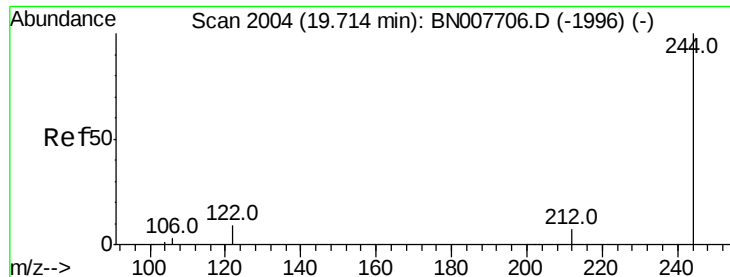
Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 22.9 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.314 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

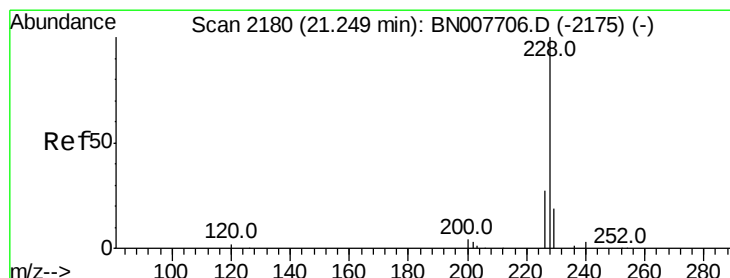
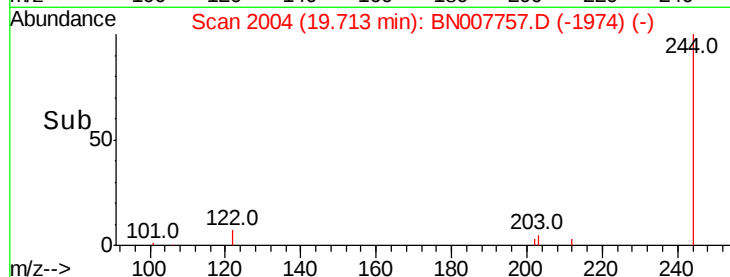
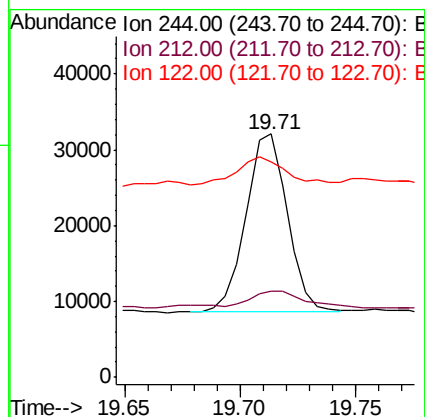
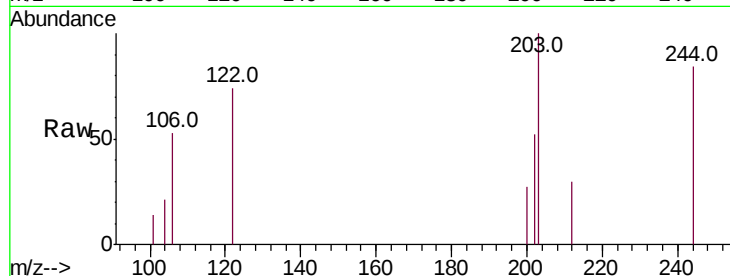
Tot Ion:244 Resp: 29198

Ion Ratio Lower Upper

244 100

212 35.4 5.9 8.9#

122 88.4 7.4 11.2#



#30

Benzo(a)anthracene

Concen: 5.236 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

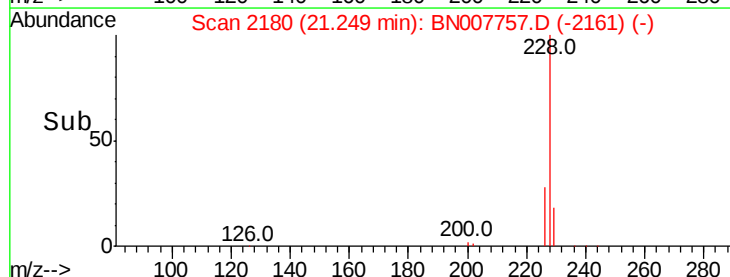
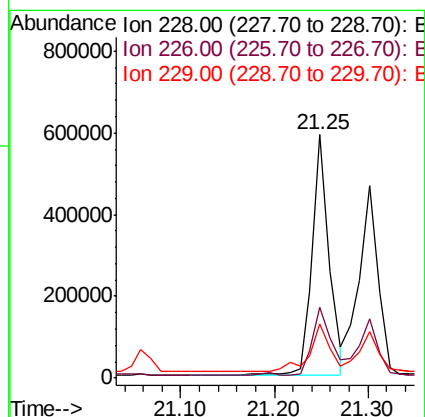
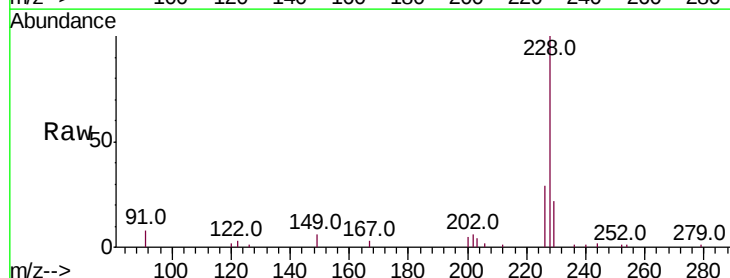
Tgt Ion:228 Resp: 730281

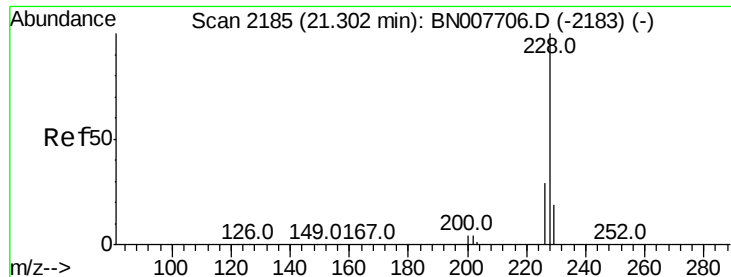
Ion Ratio Lower Upper

228 100

226 29.2 22.1 33.1

229 22.3 15.8 23.6





#31

Chrysene

Concen: 4.973 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.05 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

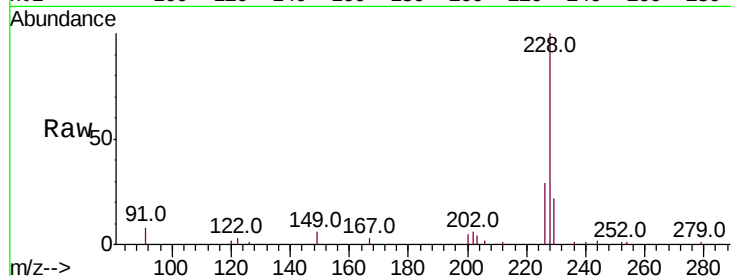
Tot Ion:228 Resp: 675895

Ion Ratio Lower Upper

228 100

226 29.2 23.9 35.9

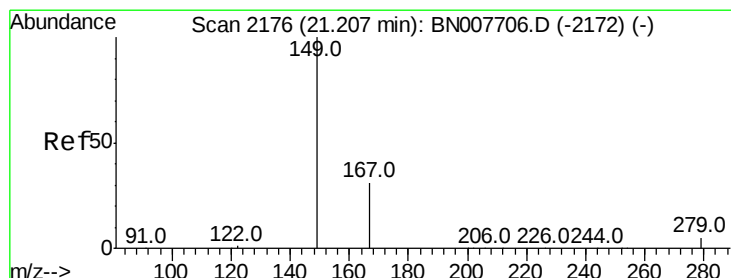
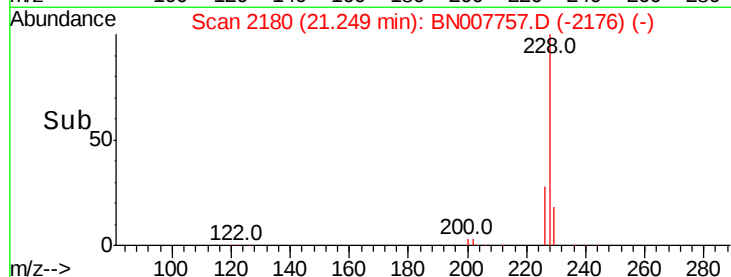
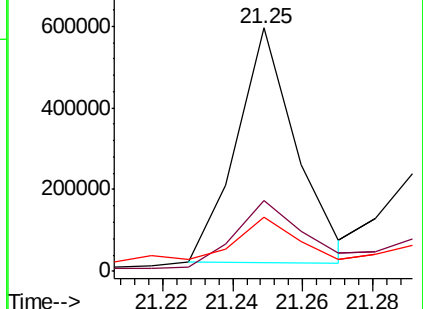
229 22.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.309 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

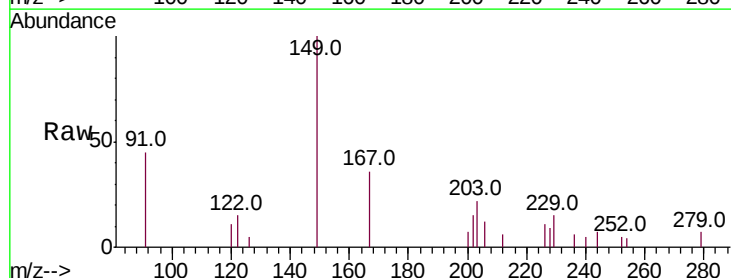
Tgt Ion:149 Resp: 93865

Ion Ratio Lower Upper

149 100

167 39.5 23.7 35.5#

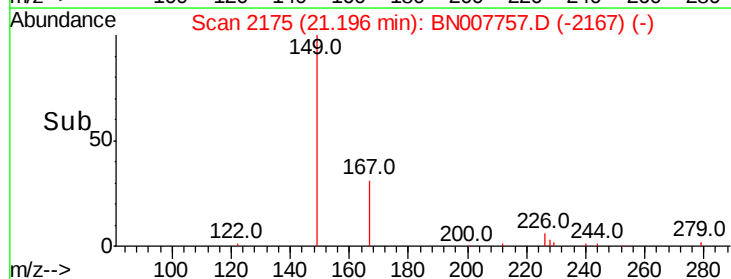
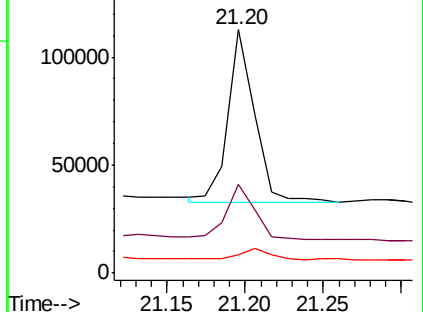
279 7.0 4.2 6.2#

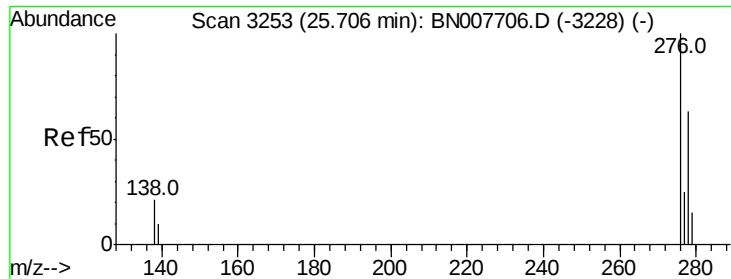


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

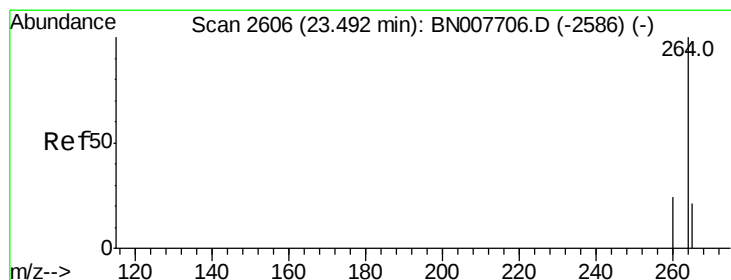
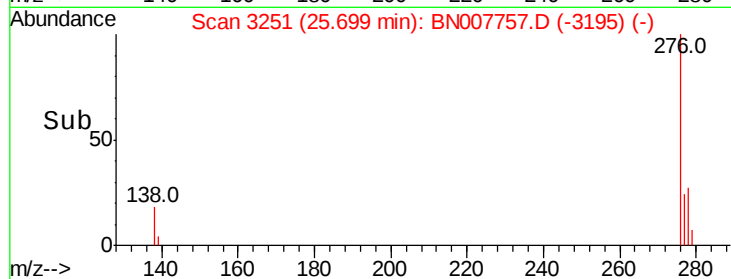
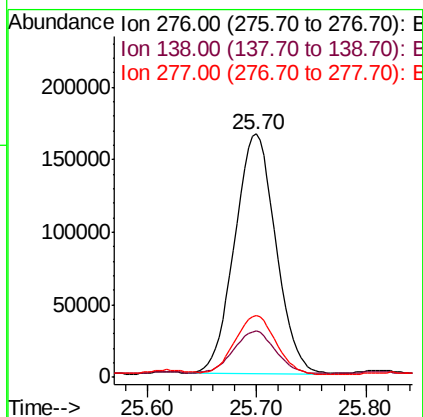
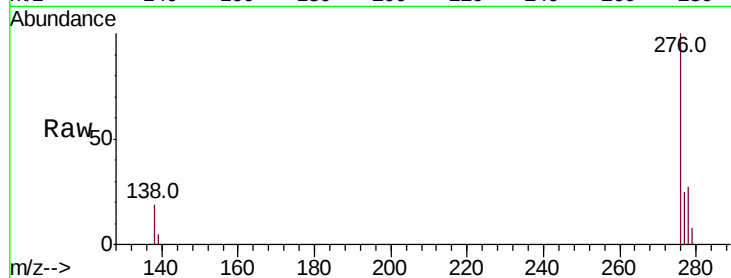




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.556 ng
 RT: 25.70 min Scan# 3251
 Delta R.T. -0.01 min
 Lab File: BN007757.D
 Acq: 20 Sep 2019 00:44

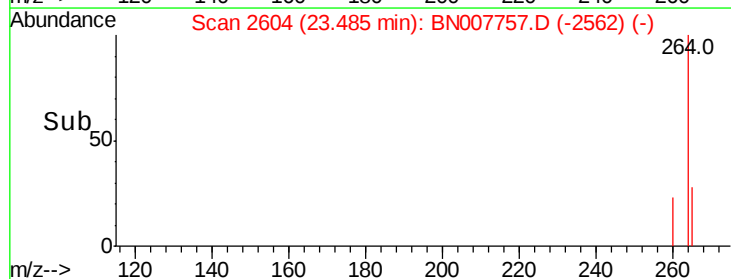
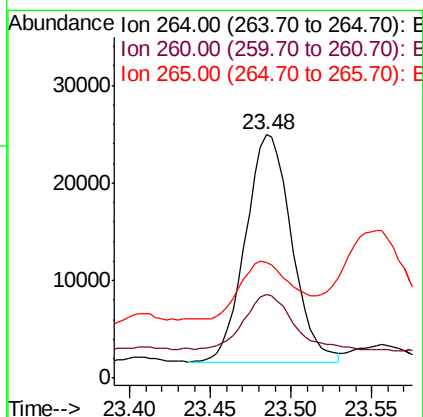
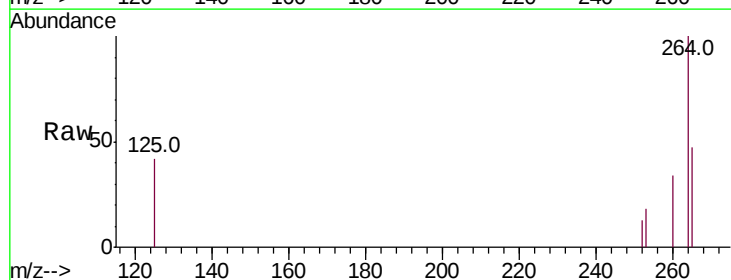
Instrument :
 BNA_N
 ClientSampleId :
 SB-1MSD

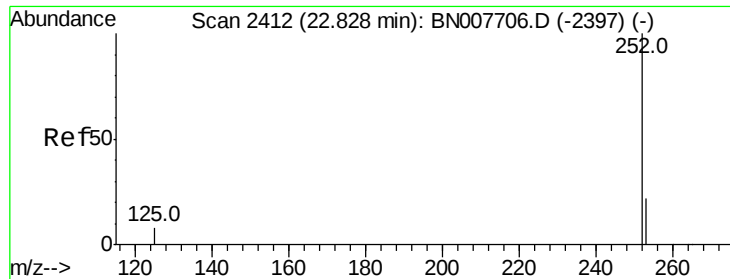
Tot Ion:276 Resp: 435041
 Ion Ratio Lower Upper
 276 100
 138 18.3 17.1 25.7
 277 24.9 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BN007757.D
 Acq: 20 Sep 2019 00:44

Tgt Ion:264 Resp: 45935
 Ion Ratio Lower Upper
 264 100
 260 34.5 19.3 28.9#
 265 47.5 26.9 40.3#

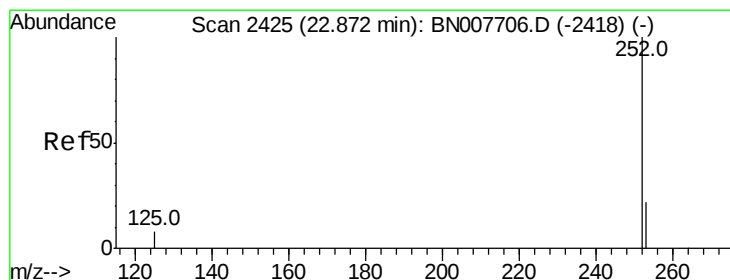
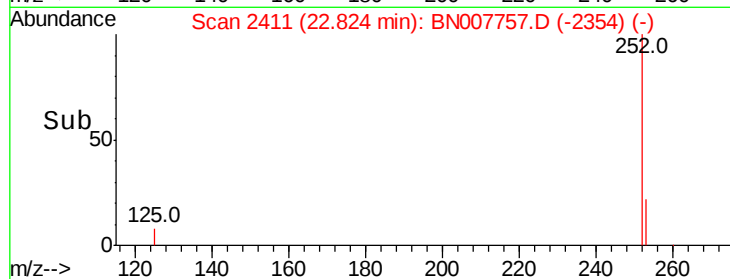
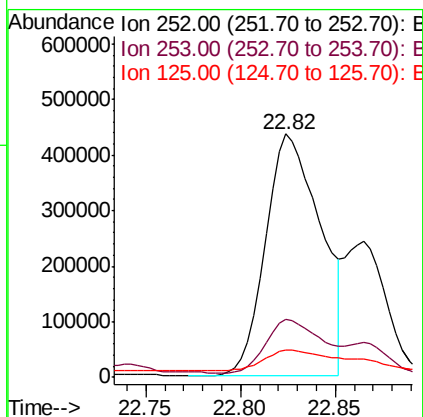
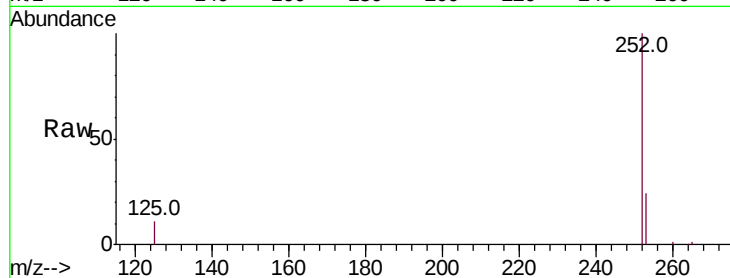




#35
Benzo(b)fluoranthene
Concen: 5.490 ng
RT: 22.82 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BN007757.D
Acq: 20 Sep 2019 00:44

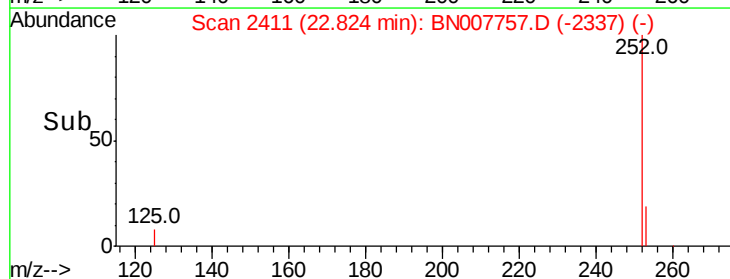
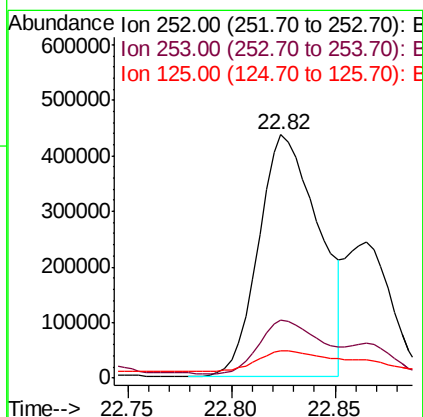
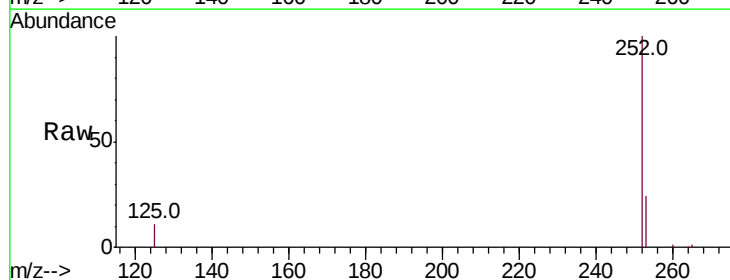
Instrument :
BNA_N
ClientSampled :
SB-1MSD

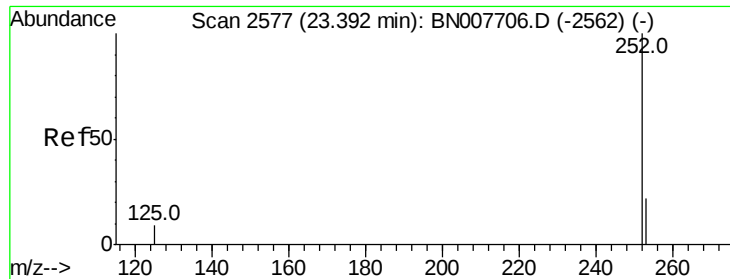
Tot Ion:252 Resp: 875557
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 11.1 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 5.553 ng
RT: 22.82 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN007757.D
Acq: 20 Sep 2019 00:44

Tgt Ion:252 Resp: 875733
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 11.1 8.4 12.6





#37

Benzo(a)pyrene

Concen: 4.025 ng

RT: 23.39 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

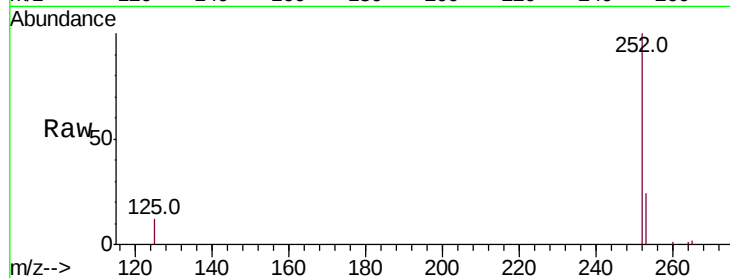
Tot Ion:252 Resp: 603116

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

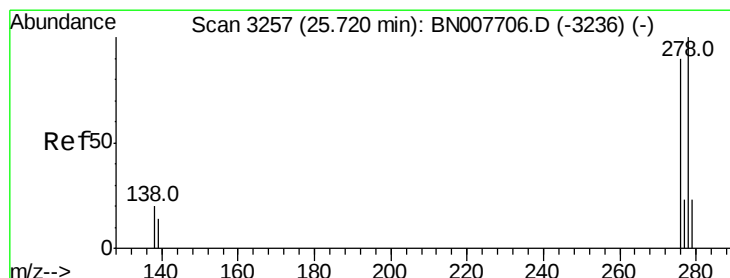
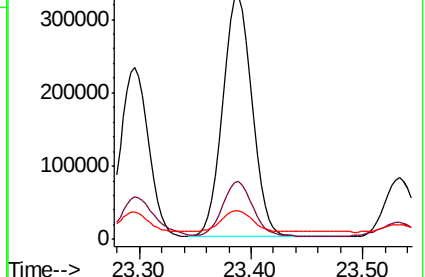
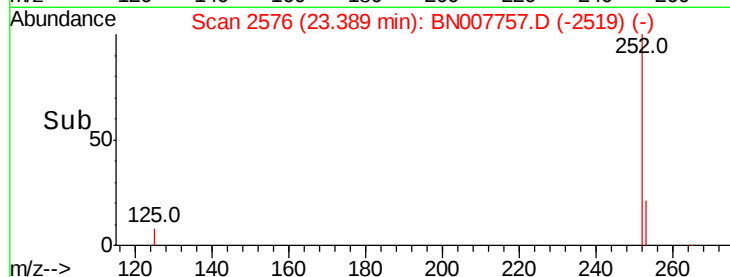
125 11.9 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.979 ng

RT: 25.71 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

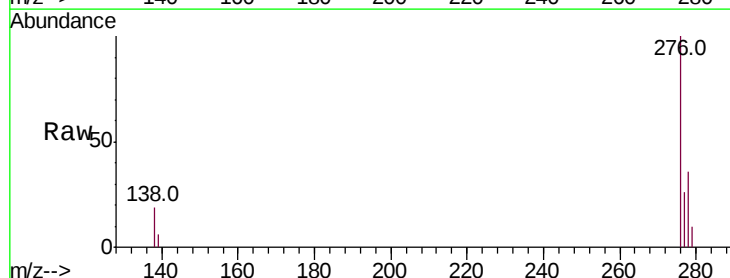
Tgt Ion:278 Resp: 150165

Ion Ratio Lower Upper

278 100

139 17.9 11.8 17.6#

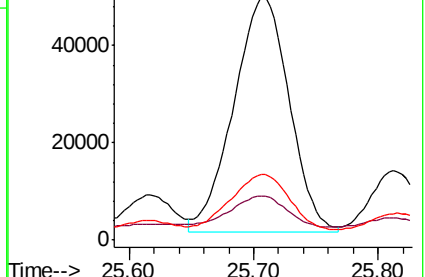
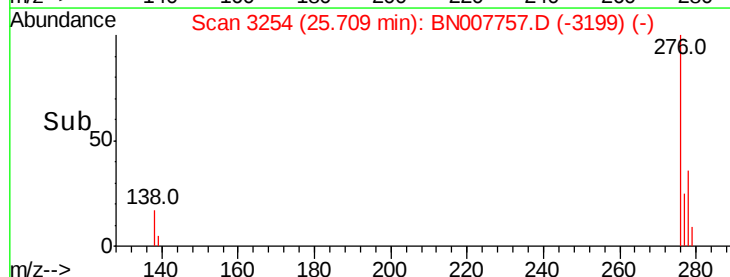
279 27.1 19.4 29.2

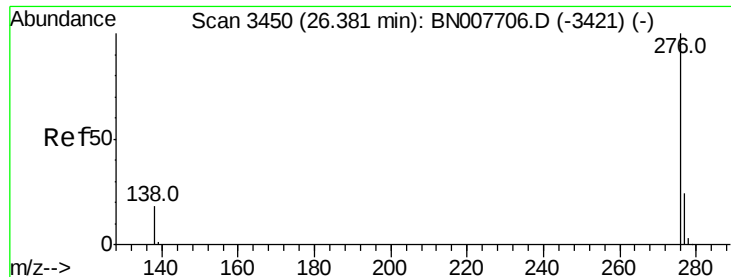


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 2.742 ng

RT: 26.37 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BN007757.D

Acq: 20 Sep 2019 00:44

Instrument :

BNA_N

ClientSampleId :

SB-1MSD

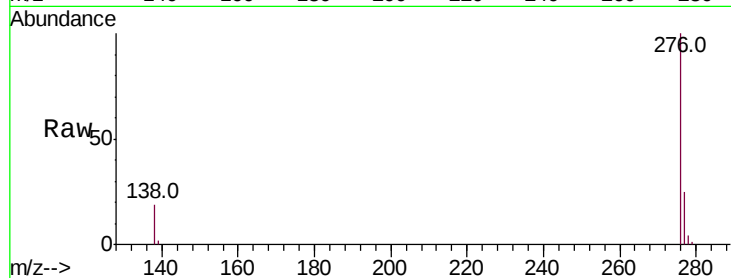
Tot Ion: 276 Resp: 415982

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 19.0 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

