

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007051.D
 Acq On : 10 Aug 2019 15:47
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Aug 10 21:35:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:17:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7153	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	22395	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	13201	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	32169	0.40	ng	0.00
26) Chrysene-d12	21.05	240	35937	0.40	ng	-0.01
32) Perylene-d12	23.16	264	34685	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	77073	4.16	ng	0.00
4) Phenol-d6	6.61	99	96153	4.25	ng	0.00
7) Nitrobenzene-d5	8.56	82	95474	5.47	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	209799	4.87	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	32842	5.27	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	93872	4.28	ng	0.00
24) Fluoranthene-d10	18.87	212	591364	4.98	ng	0.00
28) Terphenyl-d14	19.49	244	509213	4.90	ng	0.00

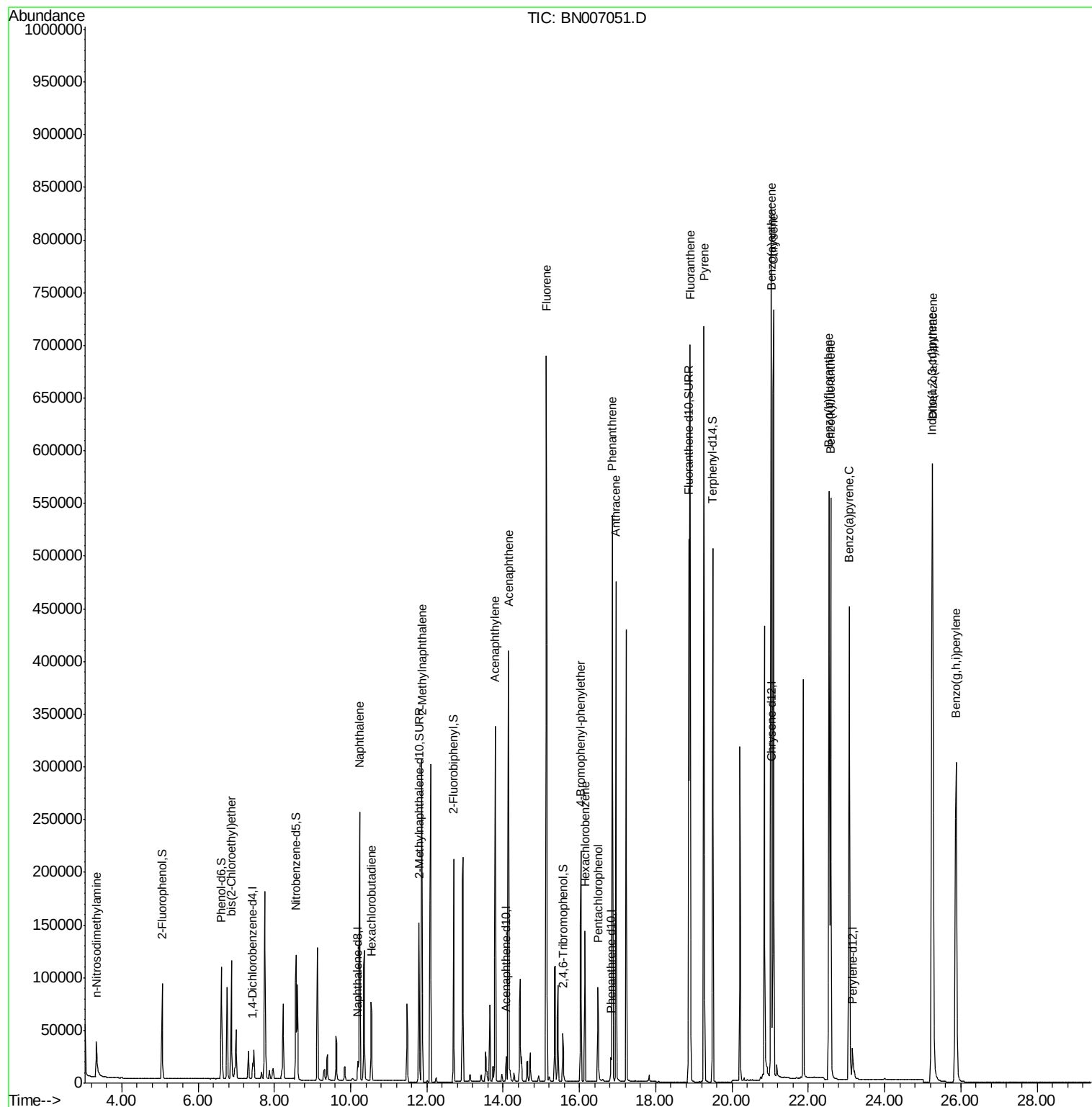
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	26666	6.509	ng	# 96
5) bis(2-Chloroethyl)ether	6.87	93	84953	4.211	ng	99
8) Naphthalene	10.24	128	311931	4.735	ng	98
9) Hexachlorobutadiene	10.54	225	66411	4.687	ng	# 100
11) 2-Methylnaphthalene	11.87	142	222058	4.835	ng	99
15) Acenaphthylene	13.79	152	373437	5.383	ng	100
16) Acenaphthene	14.14	154	231051	5.150	ng	96
17) Fluorene	15.13	166	304827	4.682	ng	99
19) 4-Bromophenyl-phenylether	16.04	248	107134	5.005	ng	96
20) Hexachlorobenzene	16.14	284	102597	5.131	ng	100
21) Pentachlorophenol	16.48	266	41888	6.019	ng	98
22) Phenanthrene	16.87	178	509109	5.041	ng	100
23) Anthracene	16.96	178	485514	5.516	ng	100
25) Fluoranthene	18.90	202	637675	4.917	ng	100
27) Pyrene	19.26	202	646537	4.763	ng	100
29) Benzo(a)anthracene	21.03	228	697928	5.130	ng	98
30) Chrysene	21.09	228	670408	4.983	ng	99
31) Indeno(1,2,3-cd)pyrene	25.25	276	752440	5.230	ng	100
33) Benzo(b)fluoranthene	22.54	252	683262	5.658	ng	97
34) Benzo(k)fluoranthene	22.59	252	660437	5.469	ng	98
35) Benzo(a)pyrene	23.08	252	616052	5.657	ng	97
36) Dibenzo(a,h)anthracene	25.27	278	608991	5.612	ng	98
37) Benzo(g,h,i)perylene	25.87	276	620514	5.473	ng	98

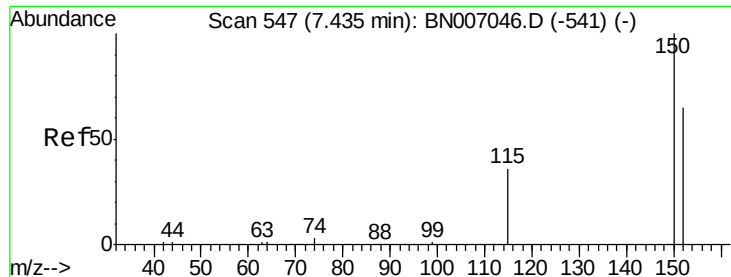
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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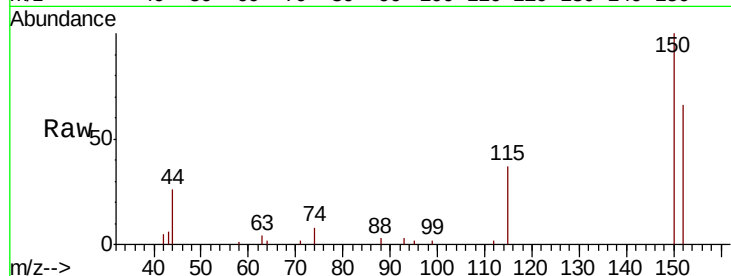


#1

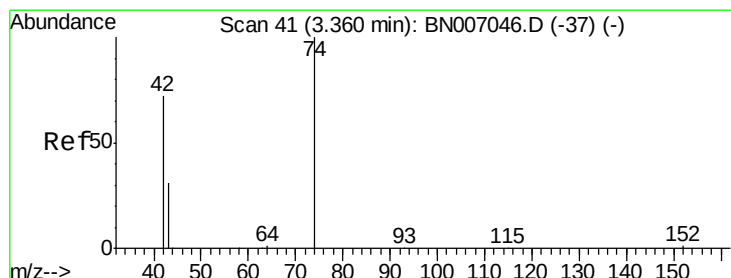
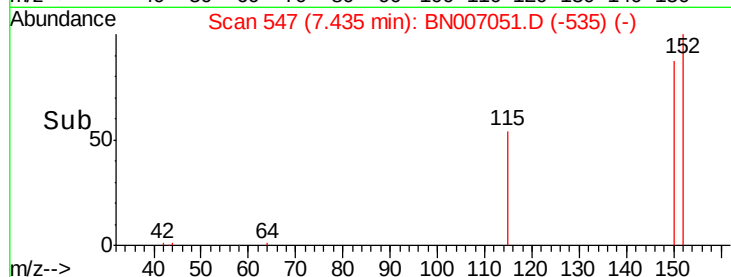
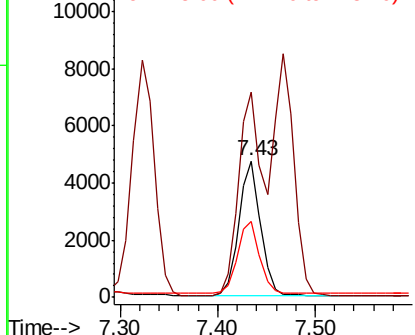
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007051.D
Acq: 10 Aug 2019 15:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 152 Resp: 7153
Ion Ratio Lower Upper
152 100
150 150.5 121.7 182.5
115 56.0 46.2 69.4



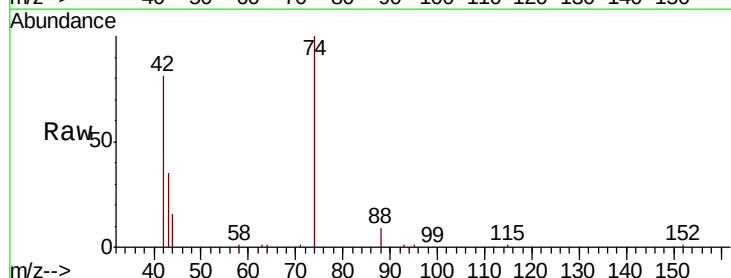
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



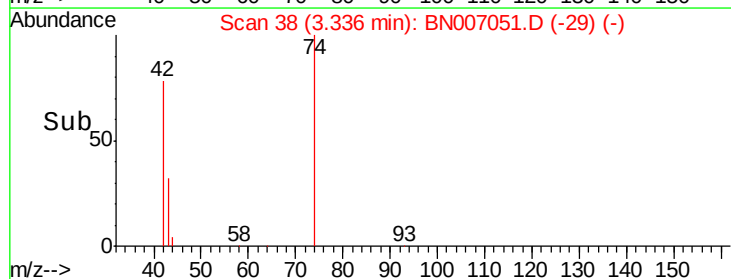
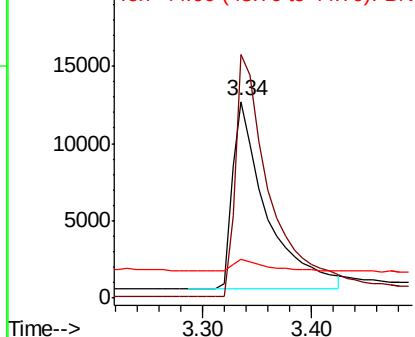
#2

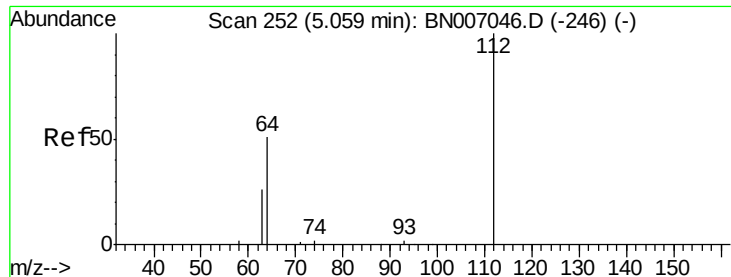
n-Nitrosodimethylamine
Concen: 6.509 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN007051.D
Acq: 10 Aug 2019 15:47

Tgt Ion: 42 Resp: 26666
Ion Ratio Lower Upper
42 100
74 133.4 110.6 166.0
44 5.8 0.0 0.0#



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





#3

2-Fluorophenol

Concen: 4.159 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

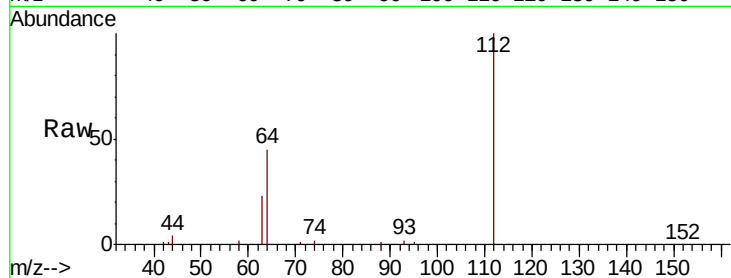
Tgt Ion: 112 Resp: 77073

Ion Ratio Lower Upper

112 100

64 52.7 42.6 63.8

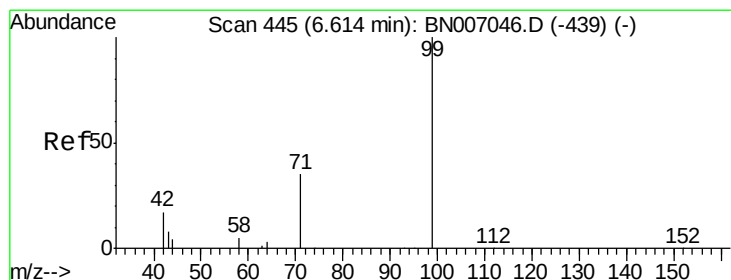
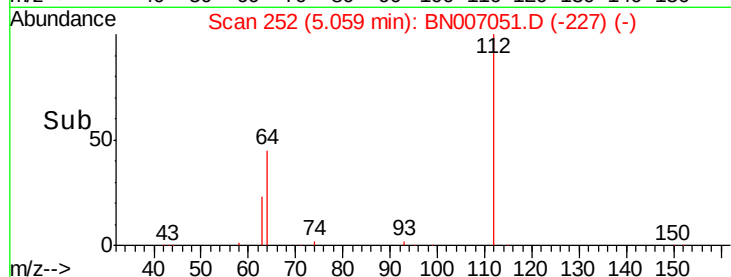
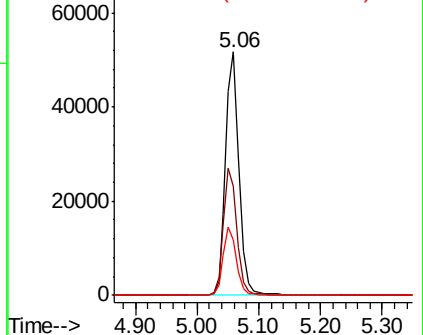
63 27.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 4.254 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

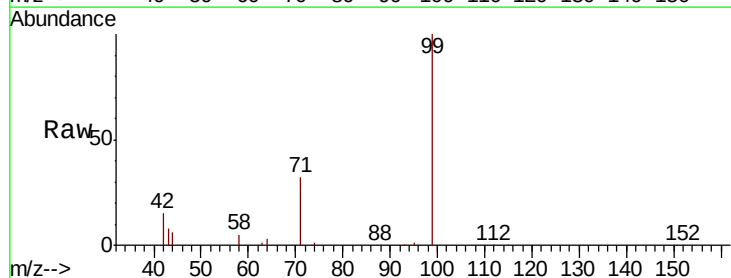
Tgt Ion: 99 Resp: 96153

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

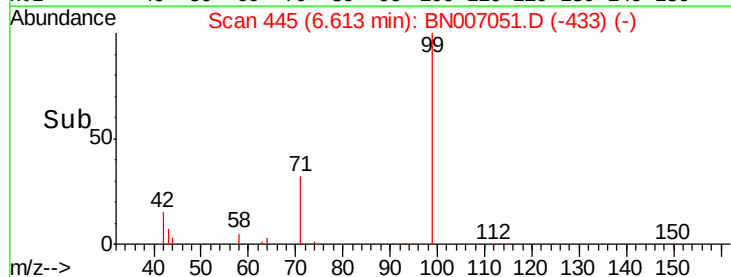
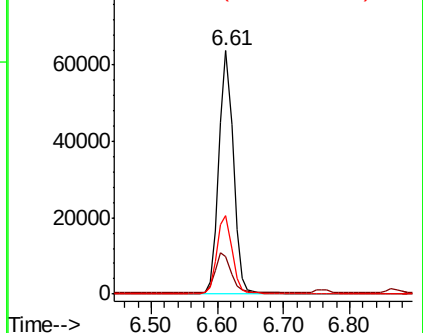
71 33.7 27.0 40.4

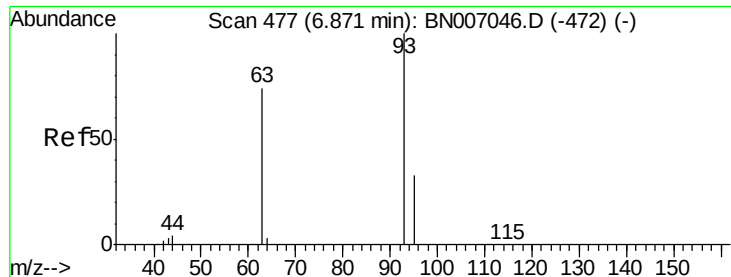


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 4.211 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

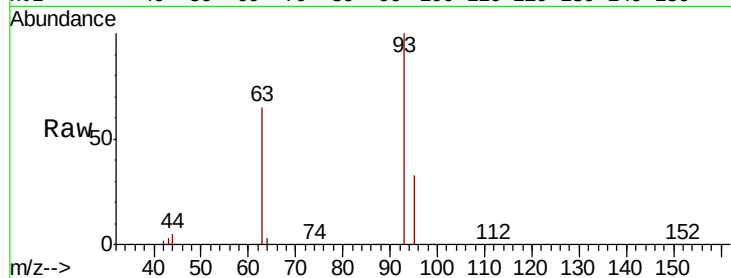
Tgt Ion: 93 Resp: 84953

Ion Ratio Lower Upper

93 100

63 69.7 55.6 83.4

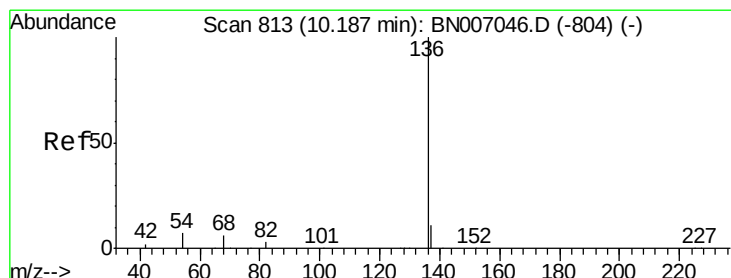
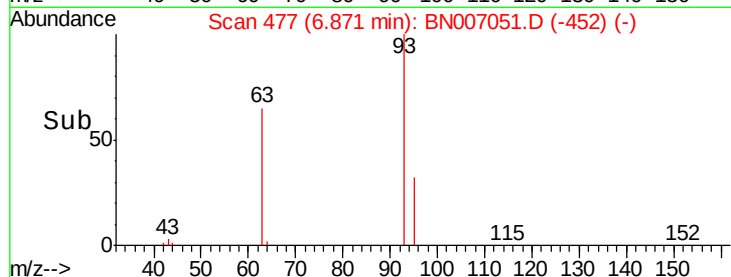
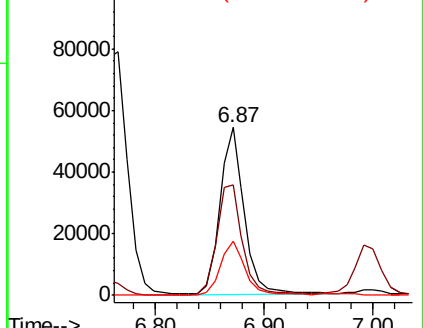
95 32.1 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007046.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007046.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Tgt Ion: 136 Resp: 22395

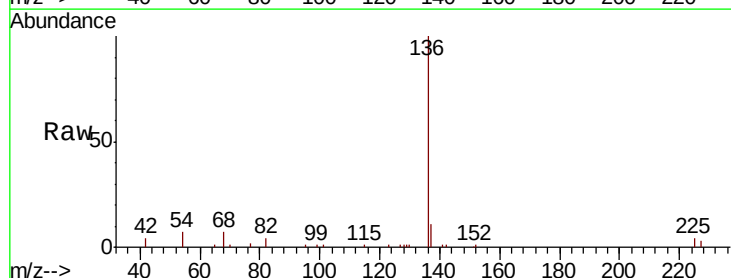
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 7.3 6.6 9.8

68 6.8 6.0 9.0

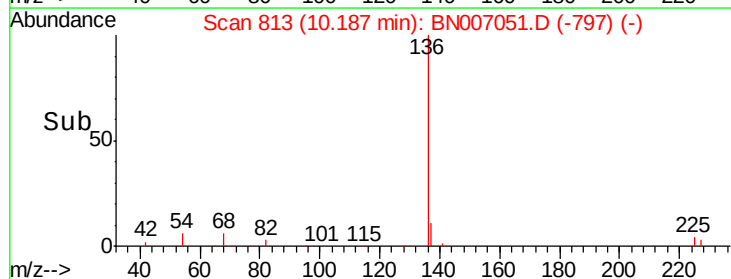
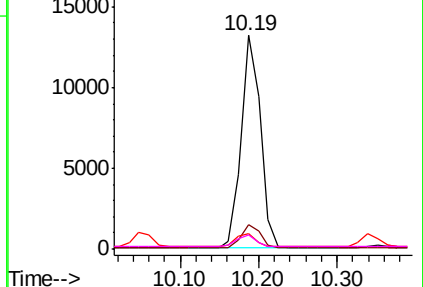


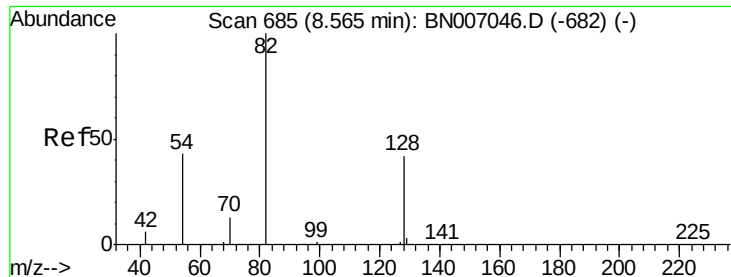
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 5.470 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

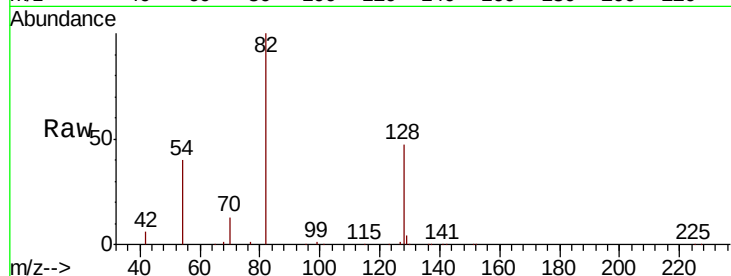
Tgt Ion: 82 Resp: 95474

Ion Ratio Lower Upper

82 100

128 47.2 34.6 51.8

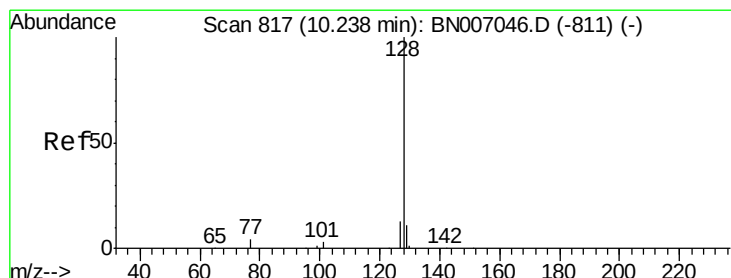
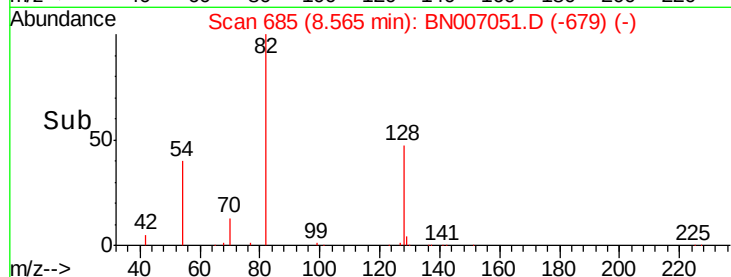
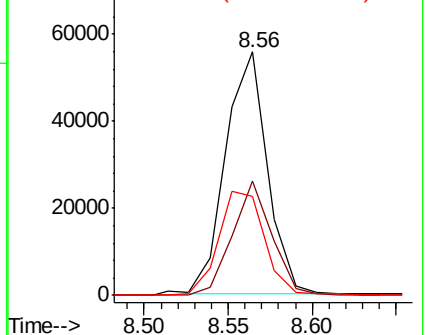
54 40.4 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#8

Naphthalene

Concen: 4.735 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

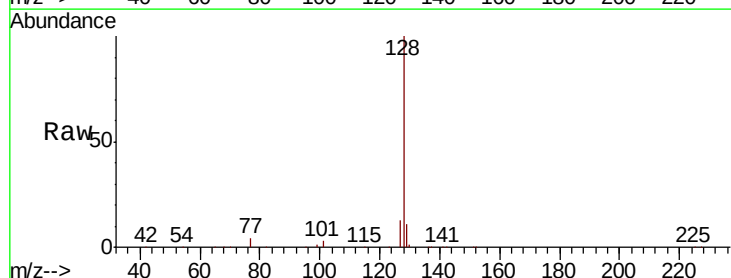
Tgt Ion: 128 Resp: 311931

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

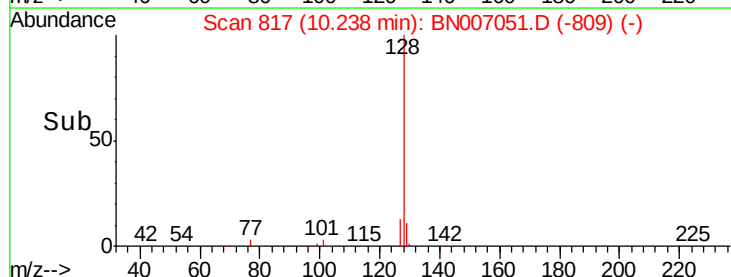
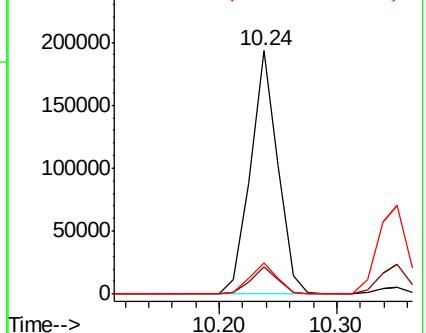
127 13.0 11.0 16.6

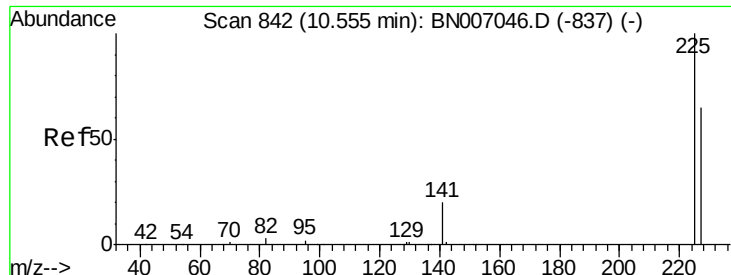


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

Ion 127.00 (126.70 to 127.70): BN007046.D (-811) (-)





#9

Hexachlorobutadiene

Concen: 4.687 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

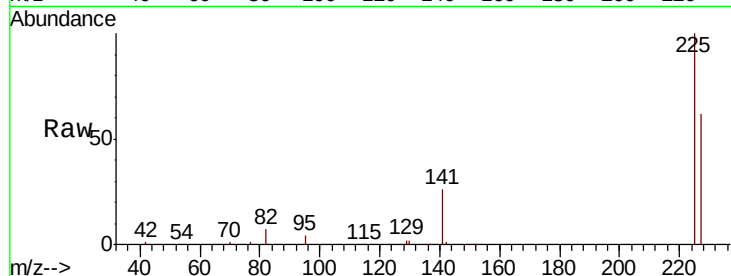
Tgt Ion: 225 Resp: 66411

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

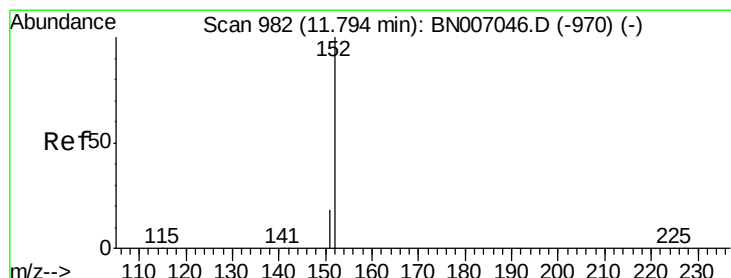
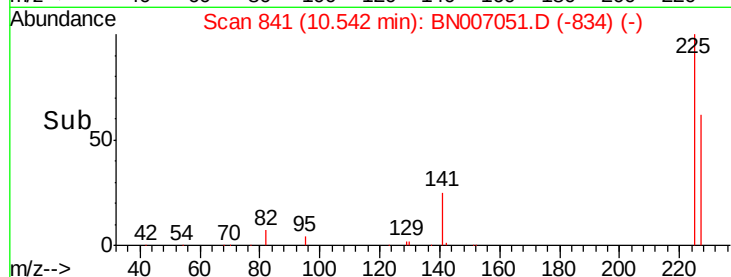
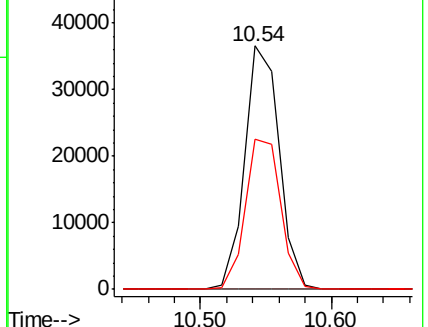
227 63.8 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 4.874 ng

RT: 11.79 min Scan# 982

Delta R.T. -0.00 min

Lab File: BN007051.D

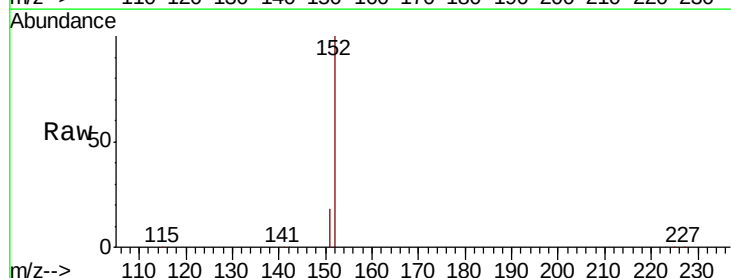
Acq: 10 Aug 2019 15:47

Tgt Ion: 152 Resp: 209799

Ion Ratio Lower Upper

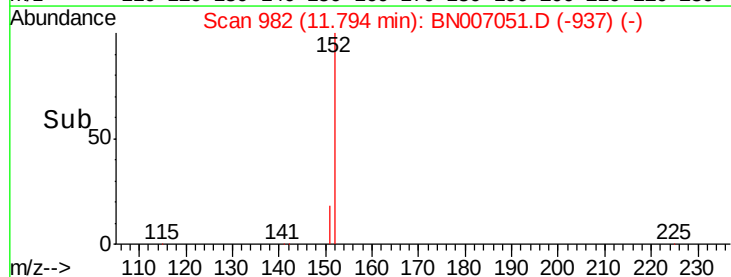
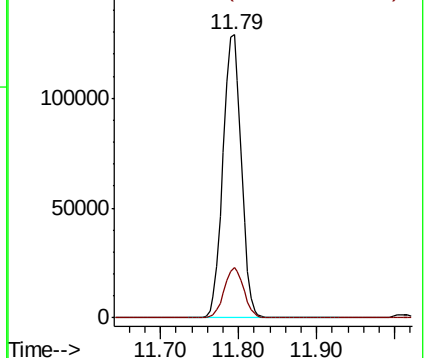
152 100

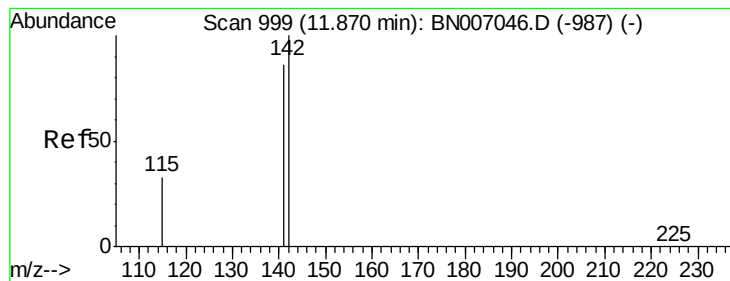
151 19.0 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 4.835 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

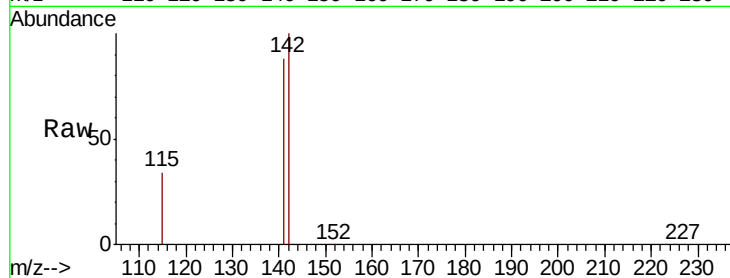
Tgt Ion:142 Resp: 222058

Ion Ratio Lower Upper

142 100

141 87.9 69.0 103.6

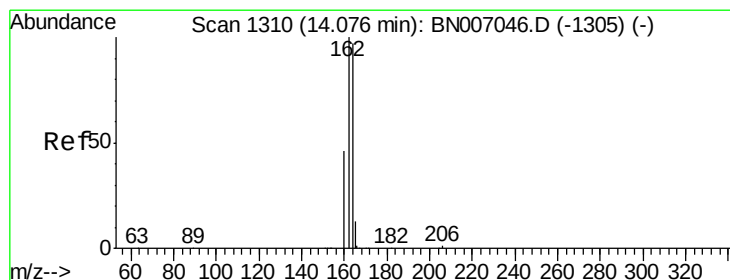
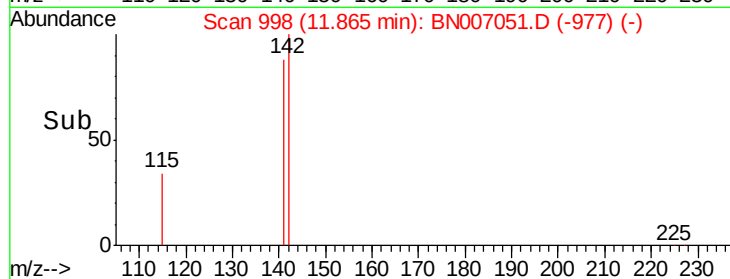
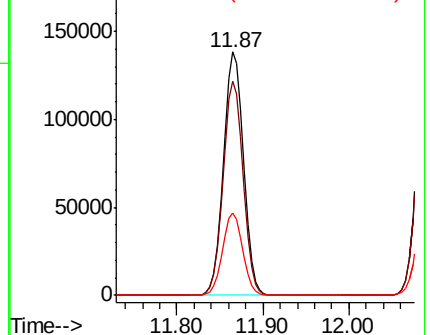
115 33.7 27.1 40.7



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



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

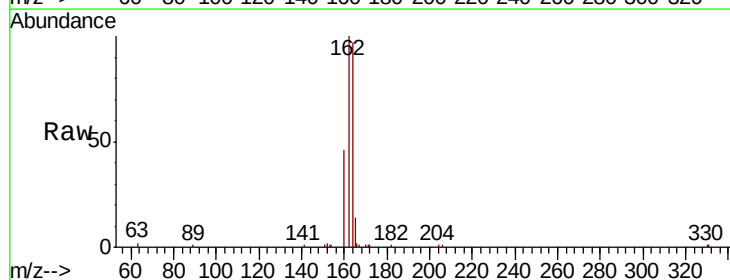
Tgt Ion:164 Resp: 13201

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

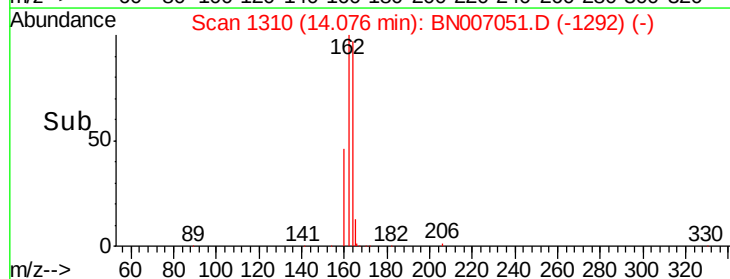
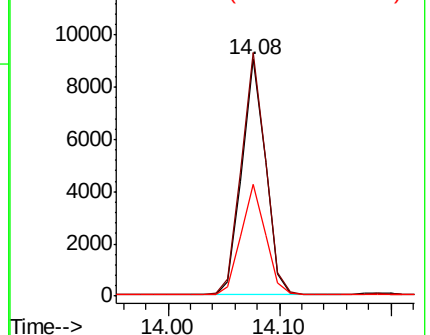
160 47.4 38.3 57.5

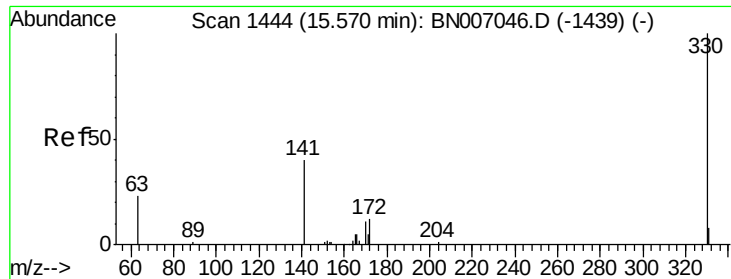


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

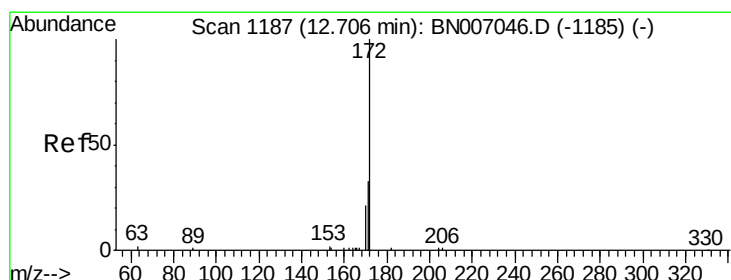
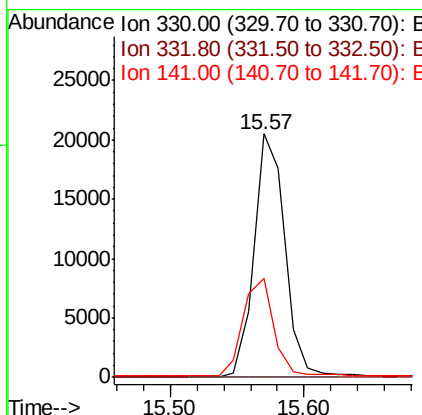
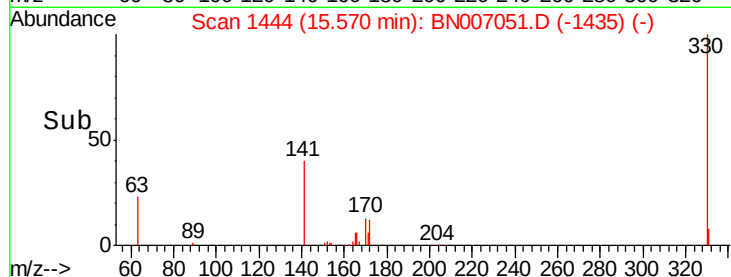
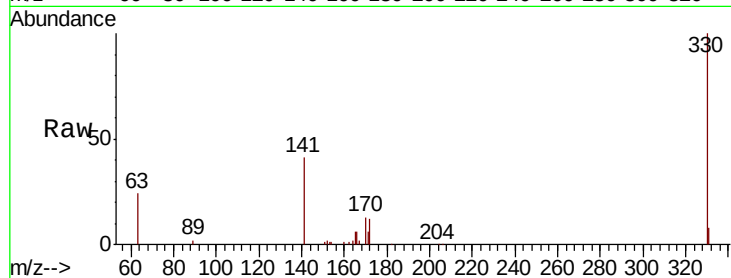




#13
 2,4,6-Tribromophenol
 Concen: 5.272 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

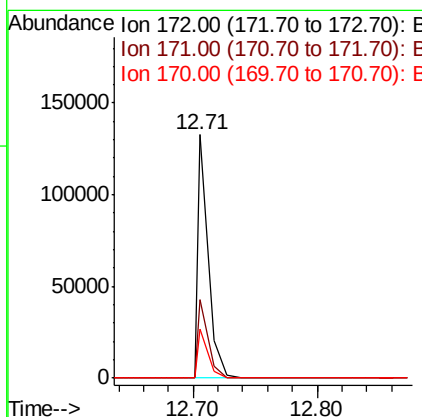
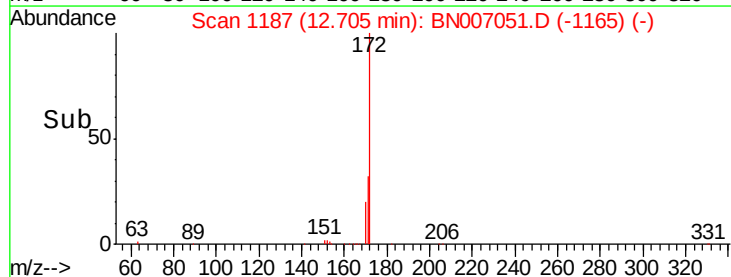
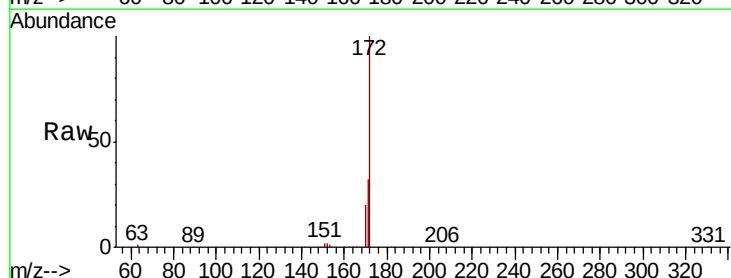
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

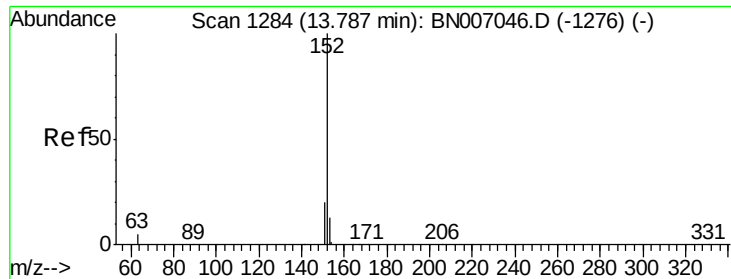
Tgt Ion: 330 Resp: 32842
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.1 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 4.283 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

Tgt Ion: 172 Resp: 93872
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.3 39.5
 170 20.4 17.0 25.4





#15

Acenaphthylene

Concen: 5.383 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

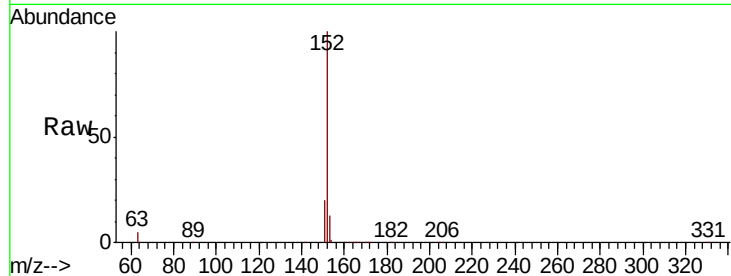
BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:152 Resp: 373437

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.4	15.6

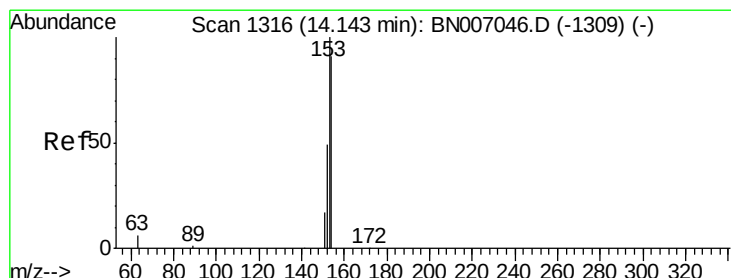
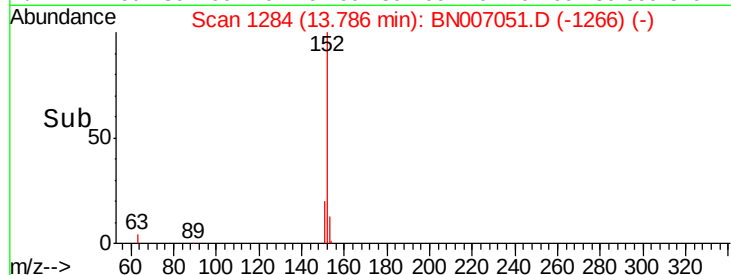
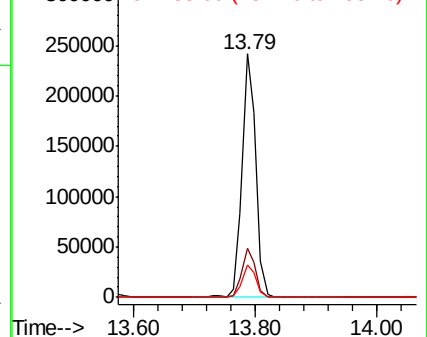


Abundance

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



#16

Acenaphthene

Concen: 5.150 ng

RT: 14.14 min Scan# 1316

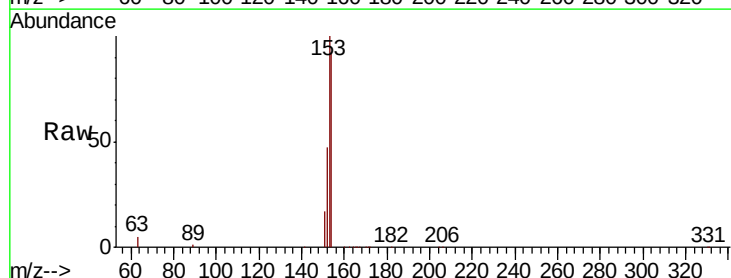
Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Tgt Ion:154 Resp: 231051

Ion	Ratio	Lower	Upper
154	100		
153	108.4	89.5	134.3
152	53.0	44.8	67.2

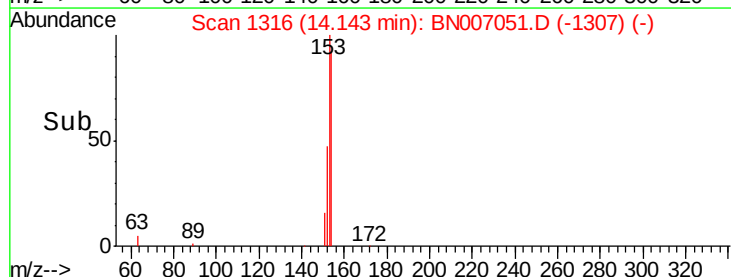
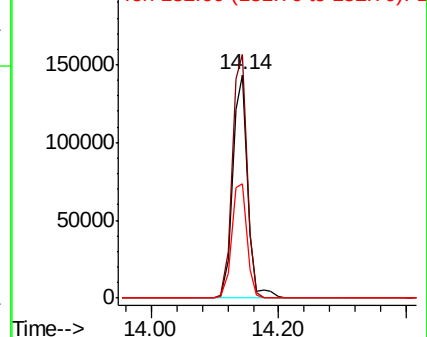


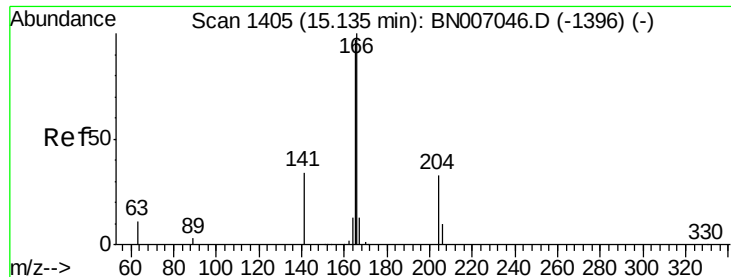
Abundance

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

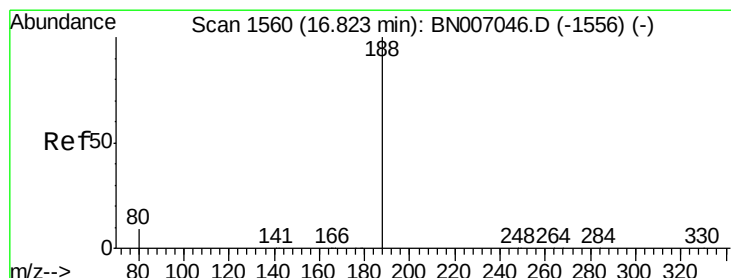
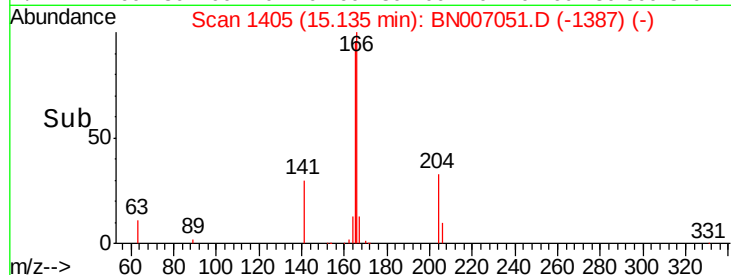
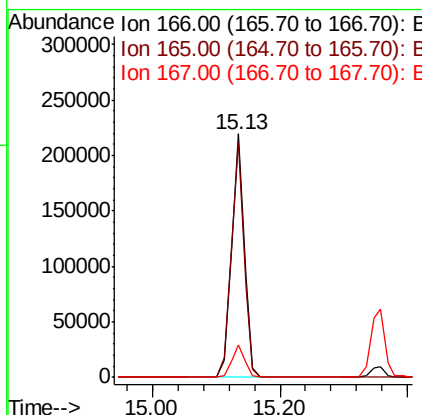
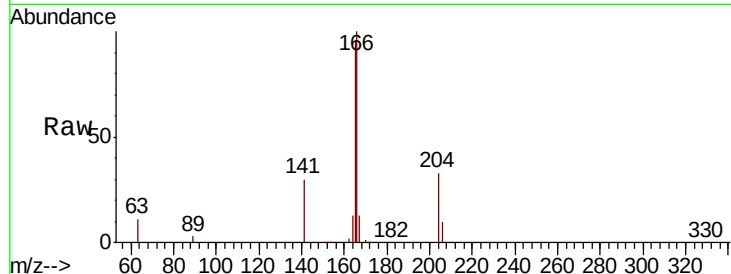




#17
 Fluorene
 Concen: 4.682 ng
 RT: 15.13 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

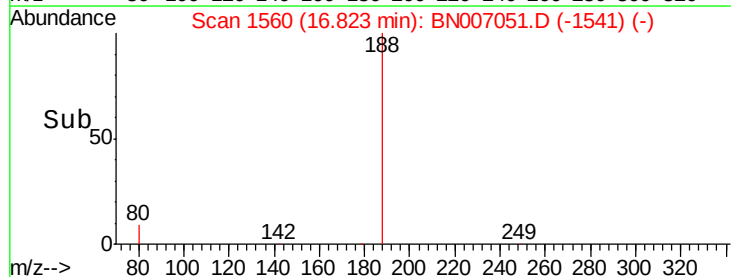
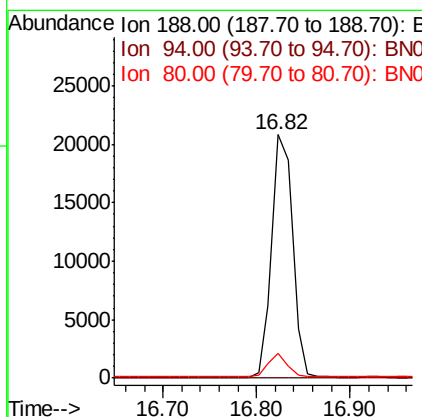
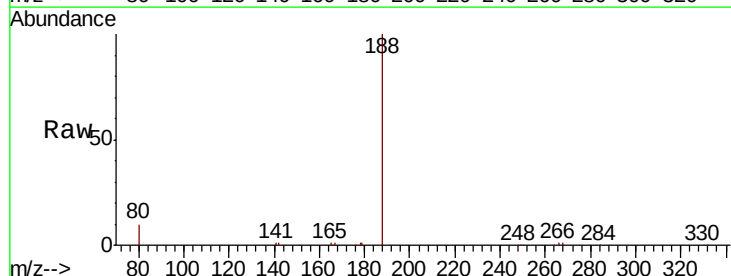
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

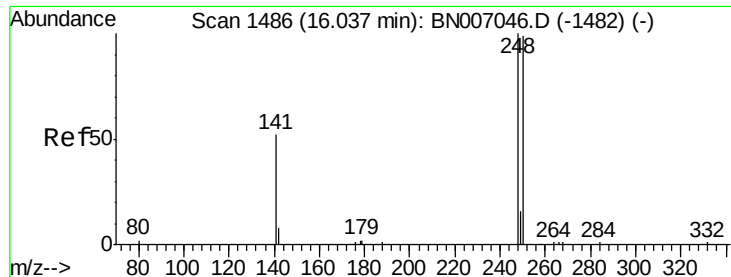
Tgt Ion:166 Resp: 304827
 Ion Ratio Lower Upper
 166 100
 165 96.8 77.9 116.9
 167 13.4 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

Tgt Ion:188 Resp: 32169
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.0 7.8 11.6





#19

4-Bromophenyl-phenylether

Concen: 5.005 ng

RT: 16.04 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

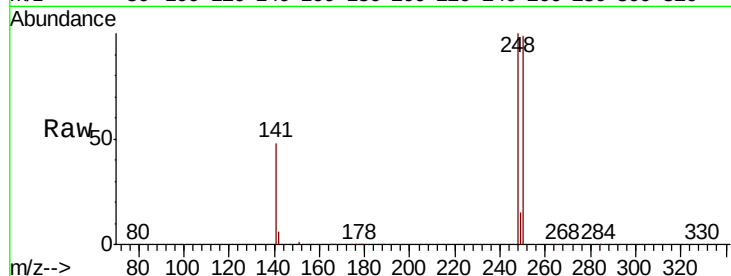
Tgt Ion:248 Resp: 107134

Ion Ratio Lower Upper

248 100

250 99.5 78.9 118.3

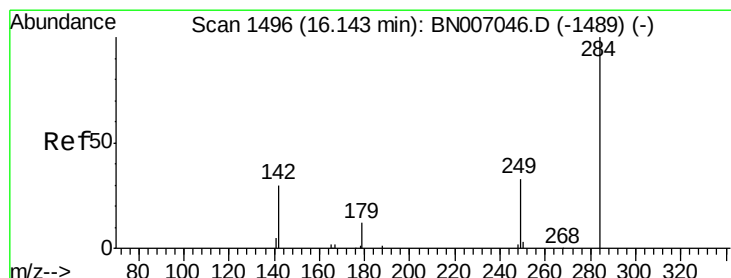
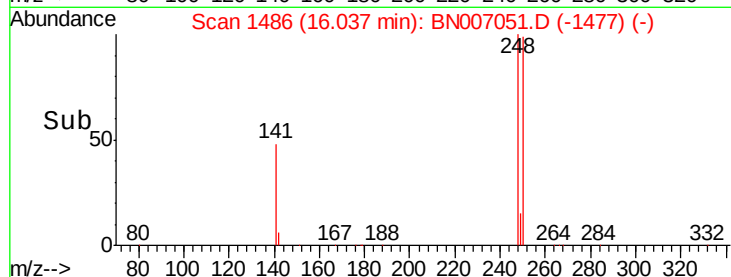
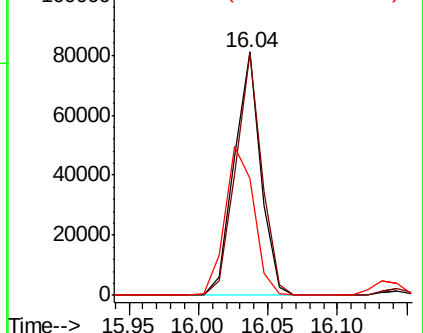
141 48.1 43.3 64.9



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



#20

Hexachlorobenzene

Concen: 5.131 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

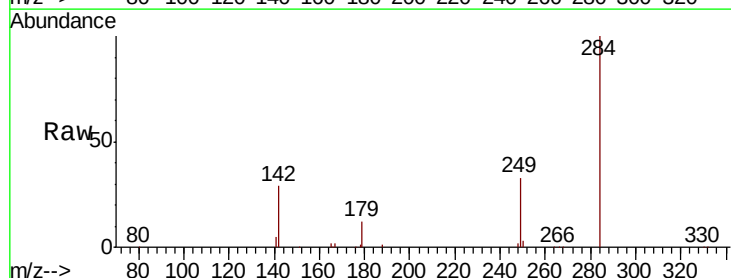
Tgt Ion:284 Resp: 102597

Ion Ratio Lower Upper

284 100

142 37.8 30.5 45.7

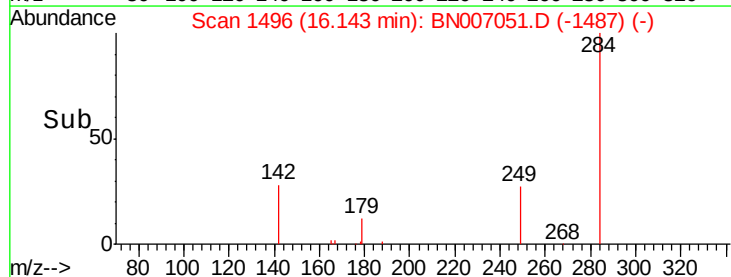
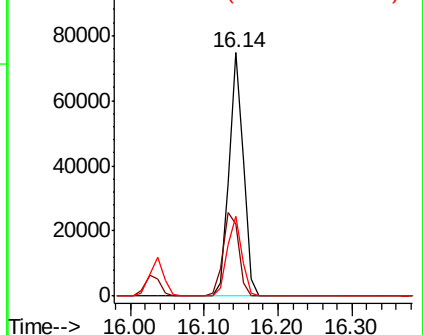
249 33.4 26.7 40.1

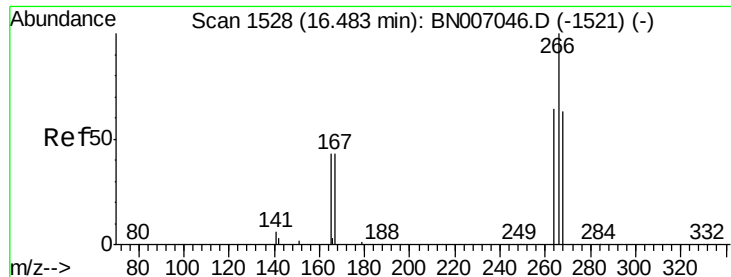


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

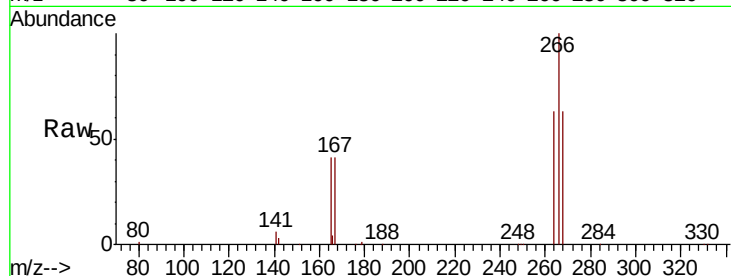




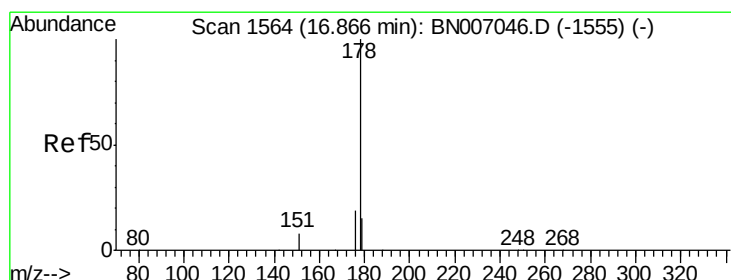
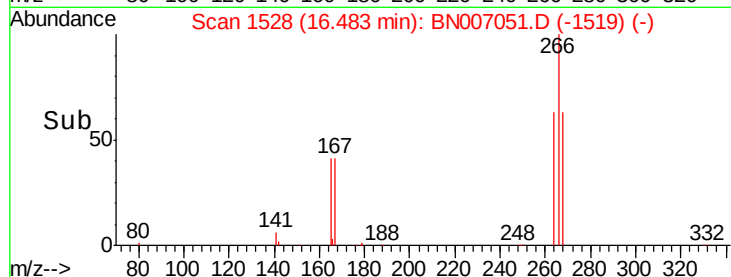
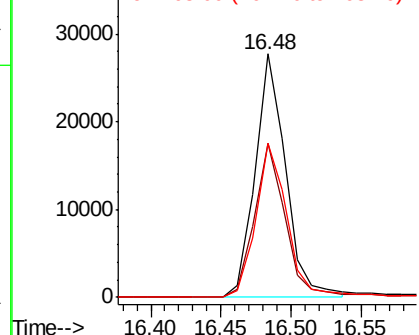
#21
 Pentachlorophenol
 Concen: 6.019 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion: 266 Resp: 41888
 Ion Ratio Lower Upper
 266 100
 264 63.5 52.3 78.5
 268 63.4 51.5 77.3

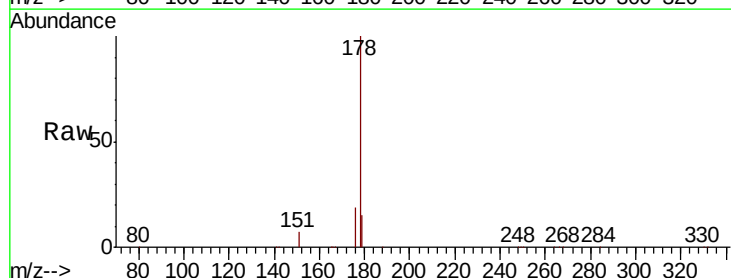


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

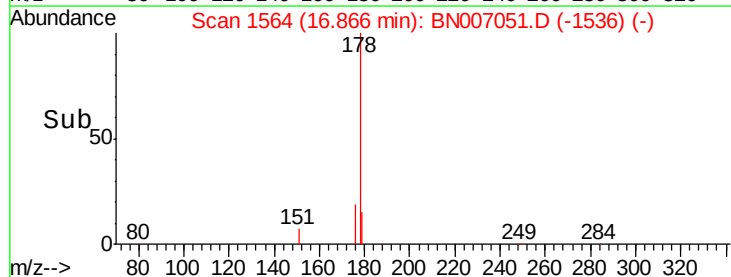
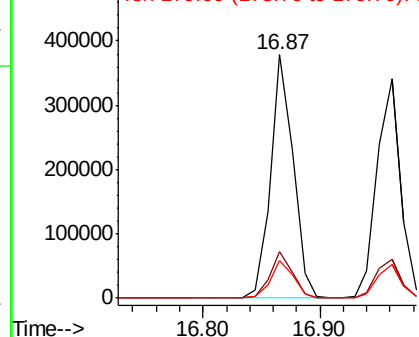


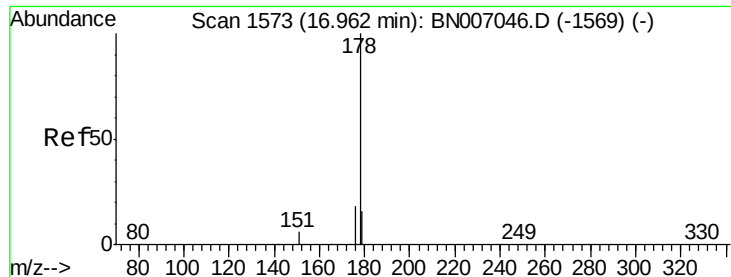
#22
 Phenanthrene
 Concen: 5.041 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

Tgt Ion: 178 Resp: 509109
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.3 12.3 18.5



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





#23

Anthracene

Concen: 5.516 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

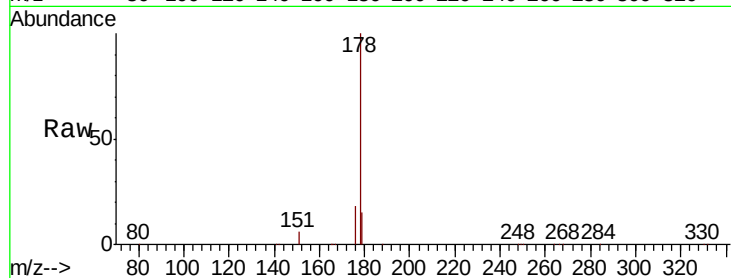
Tgt Ion:178 Resp: 485514

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

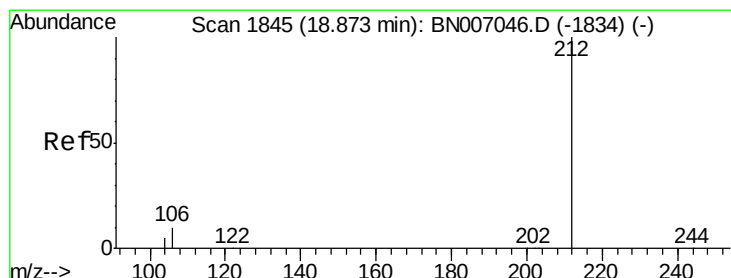
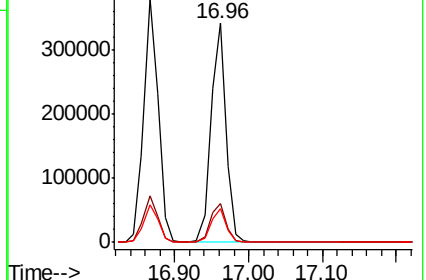
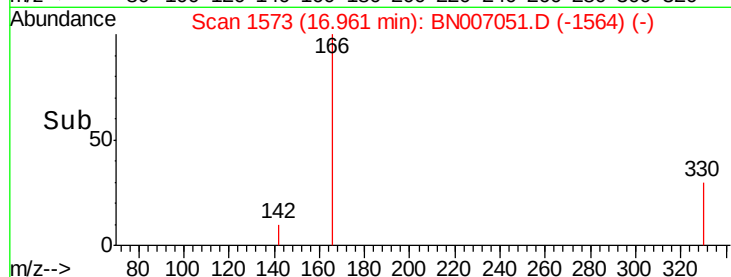
179 15.3 12.5 18.7



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

Fluoranthene-d10

Concen: 4.975 ng

RT: 18.87 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

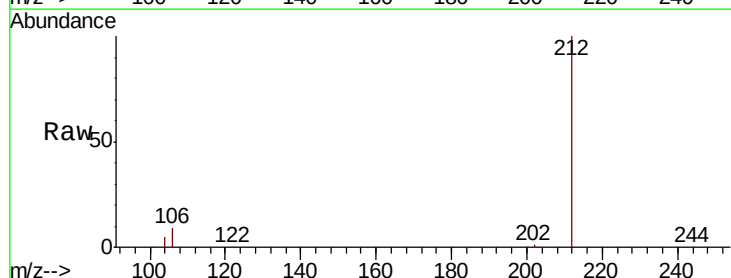
Tgt Ion:212 Resp: 591364

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

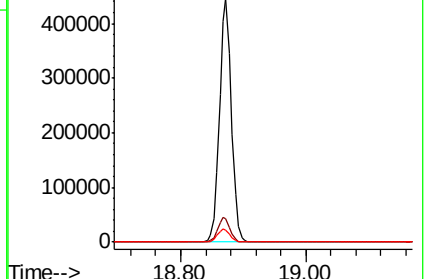
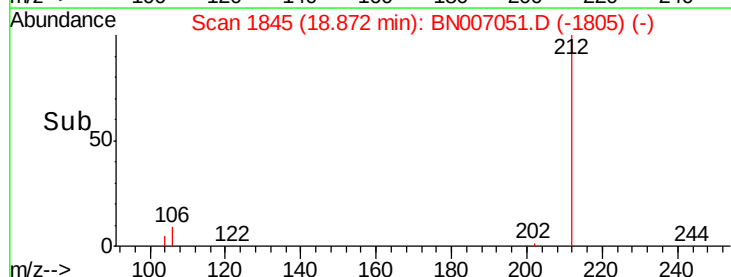
104 5.6 4.5 6.7

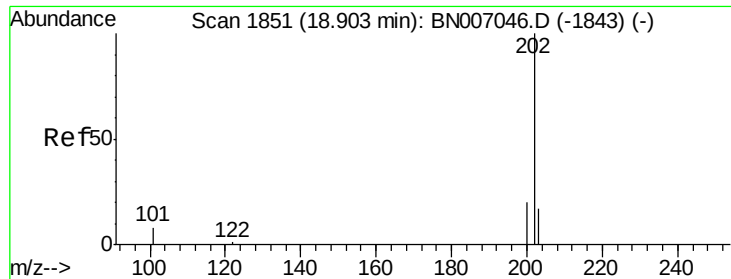


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 4.917 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

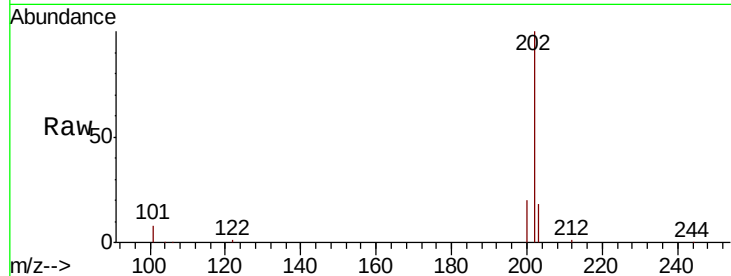
Tgt Ion:202 Resp: 637675

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

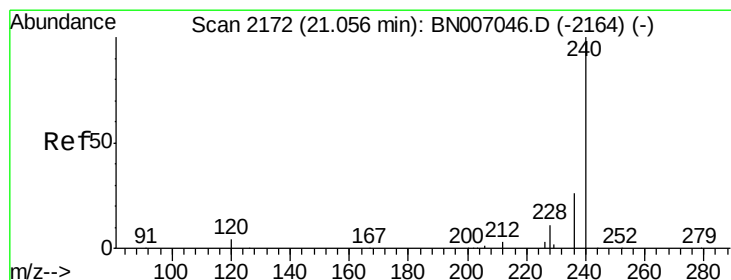
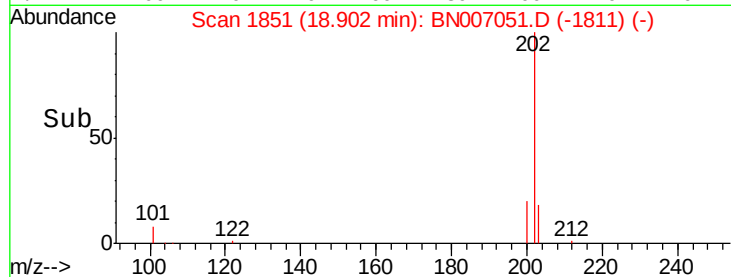
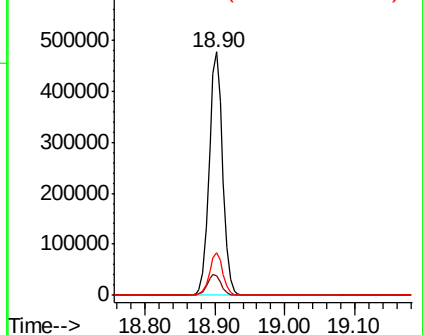
203 17.5 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

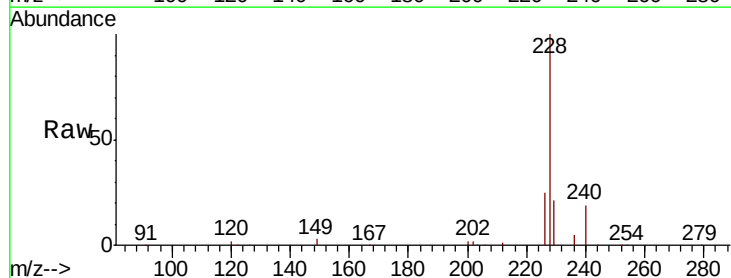
Tgt Ion:240 Resp: 35937

Ion Ratio Lower Upper

240 100

120 8.9 4.0 6.0#

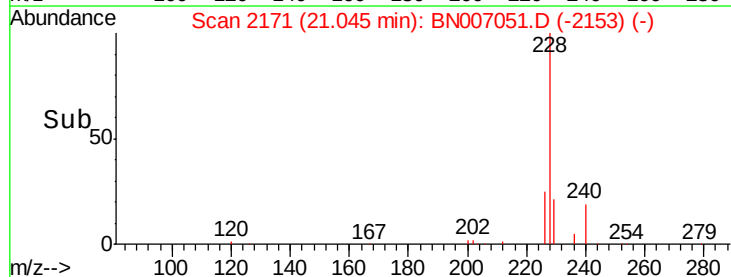
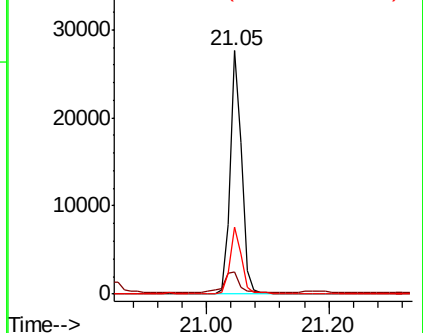
236 27.3 21.3 31.9

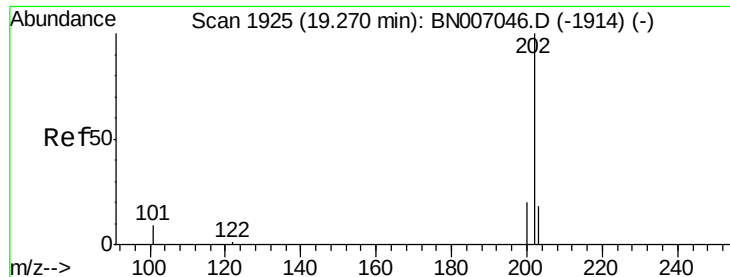


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

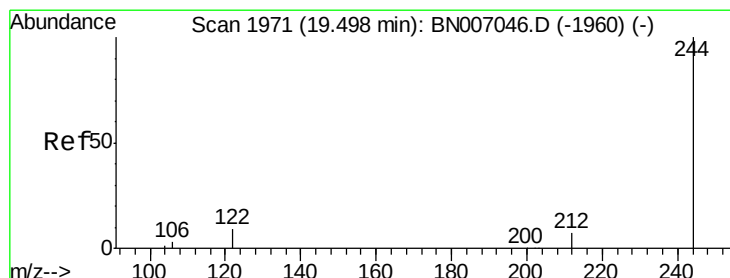
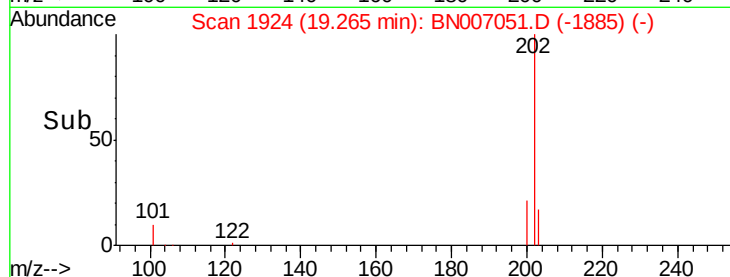
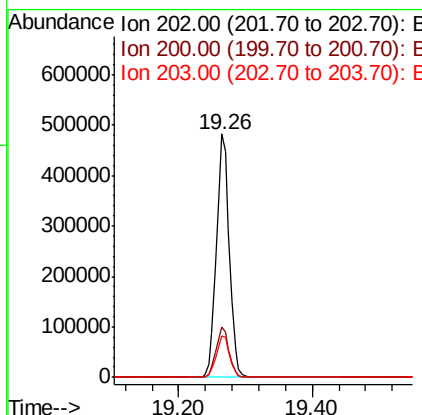
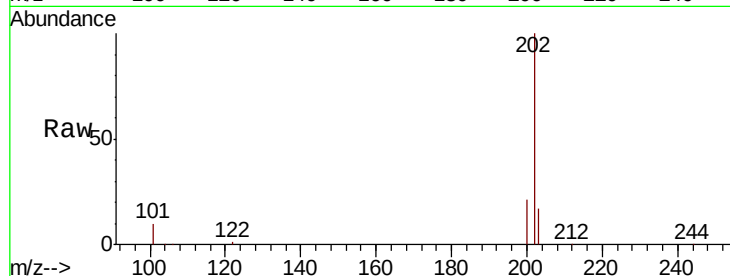




#27
 Pyrene
 Concen: 4.763 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

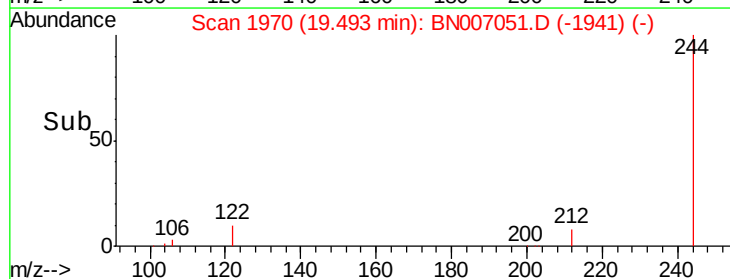
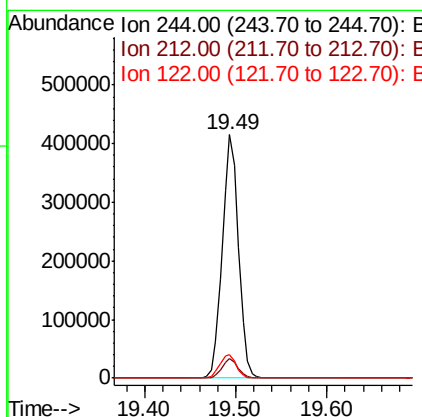
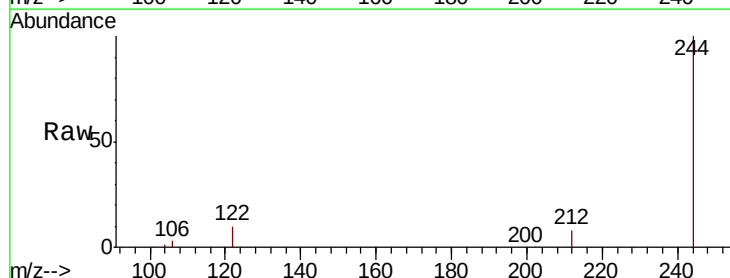
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

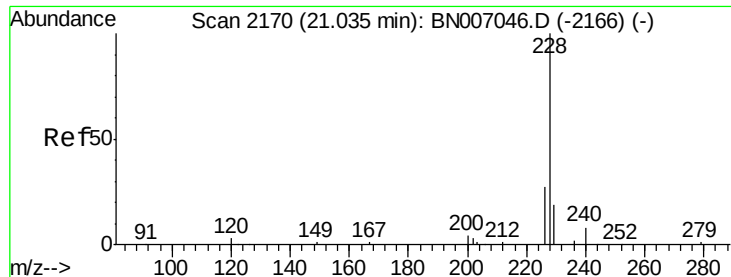
Tgt Ion:202 Resp: 646537
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.5 14.0 21.0



#28
 Terphenyl-d14
 Concen: 4.901 ng
 RT: 19.49 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BN007051.D
 Acq: 10 Aug 2019 15:47

Tgt Ion:244 Resp: 509213
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.7 7.4 11.2





#29

Benzo(a)anthracene

Concen: 5.130 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

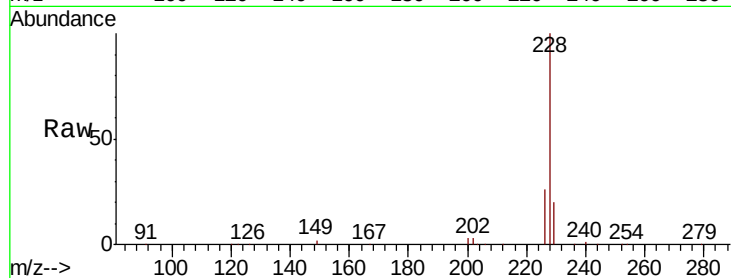
Tgt Ion:228 Resp: 697928

Ion Ratio Lower Upper

228 100

226 26.0 21.8 32.6

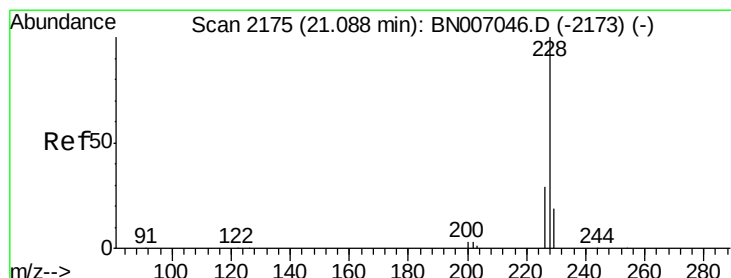
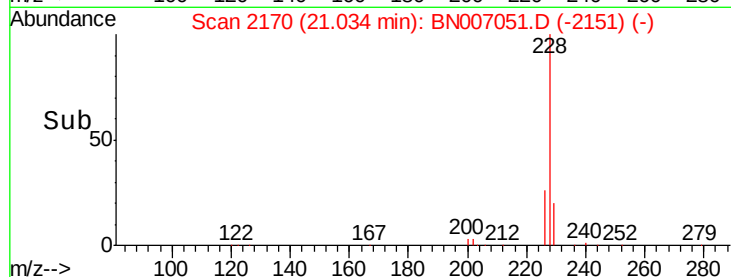
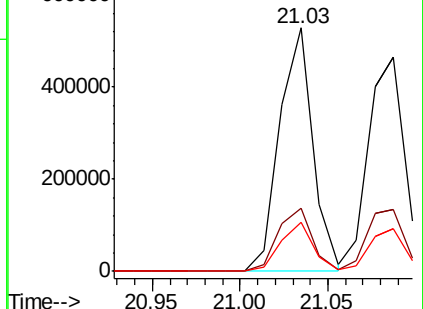
229 20.0 15.6 23.4



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



#30

Chrysene

Concen: 4.983 ng

RT: 21.09 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

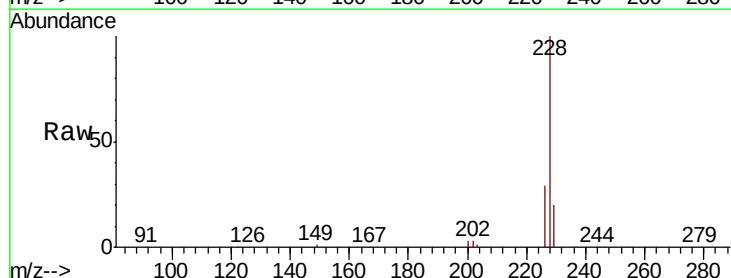
Tgt Ion:228 Resp: 670408

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.6

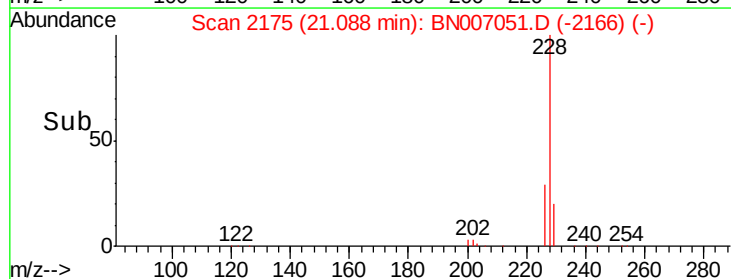
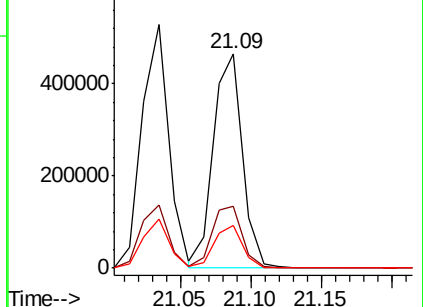
229 20.0 15.7 23.5

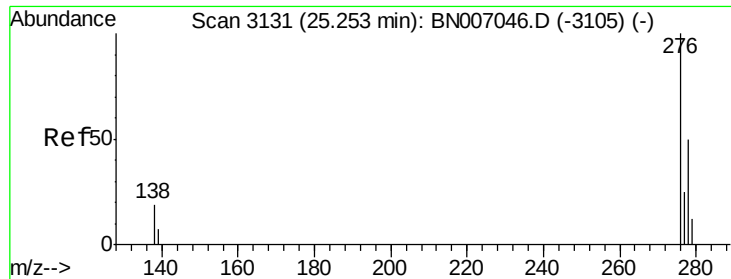


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 5.230 ng

RT: 25.25 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

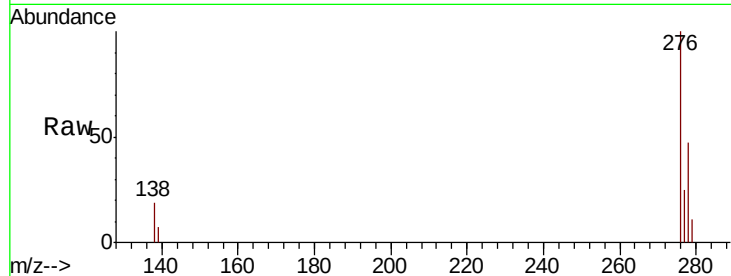
Tgt Ion:276 Resp: 752440

Ion Ratio Lower Upper

276 100

138 20.3 16.0 24.0

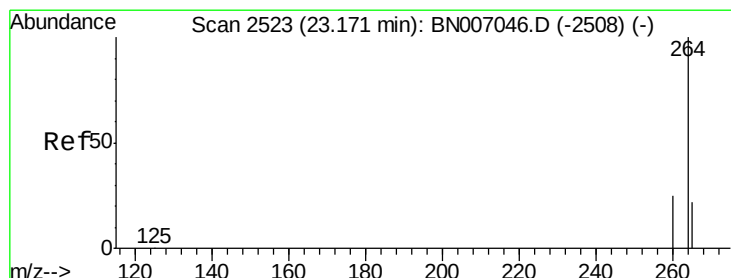
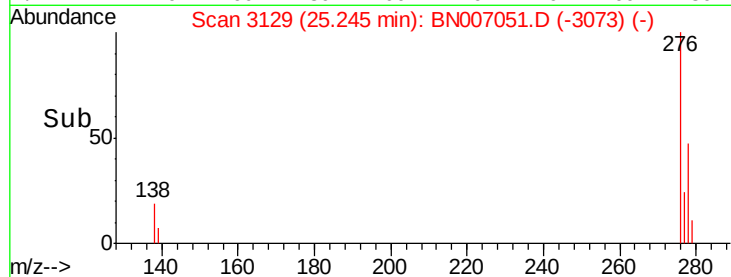
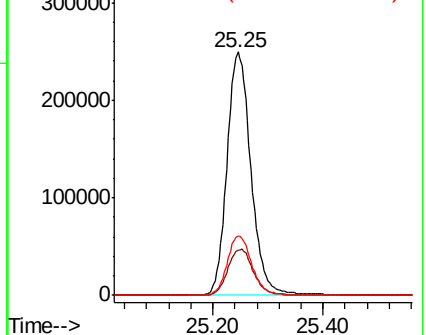
277 25.0 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

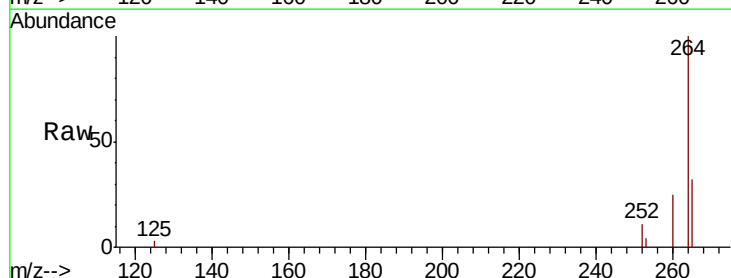
Tgt Ion:264 Resp: 34685

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

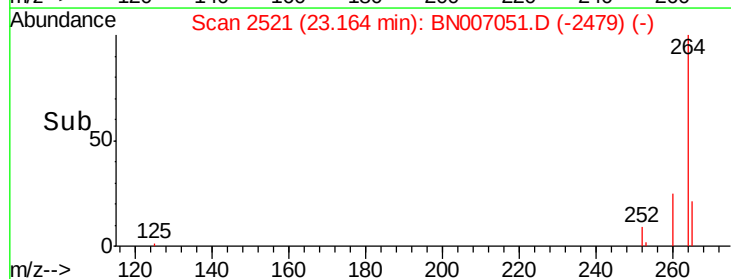
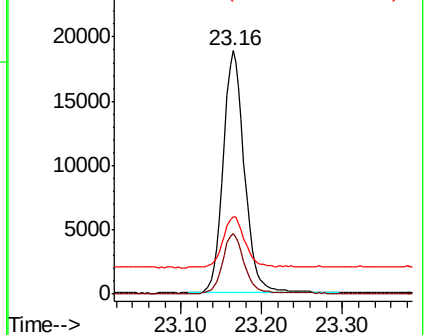
265 31.9 26.2 39.4

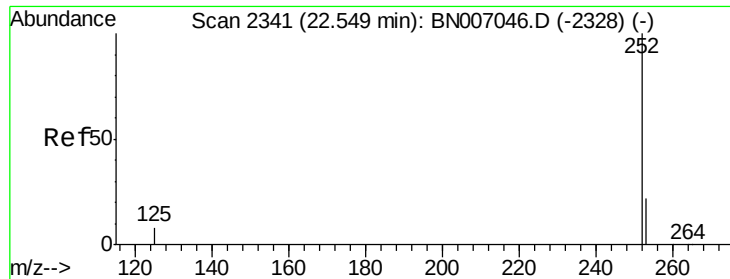


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

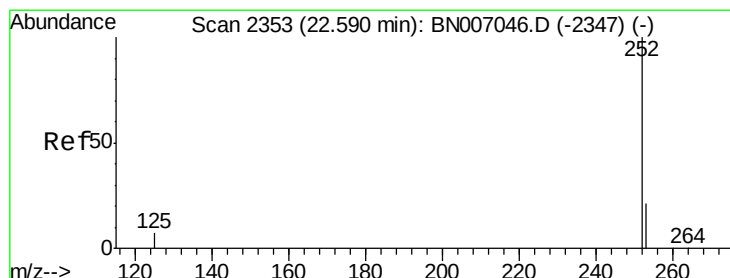
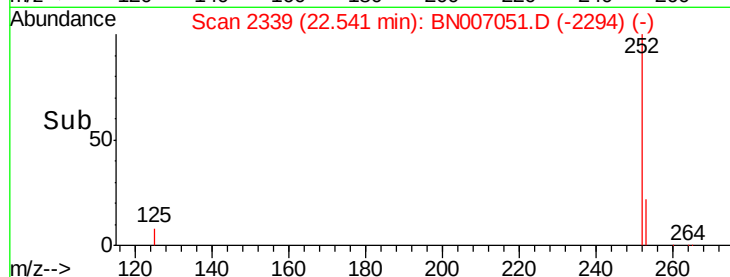
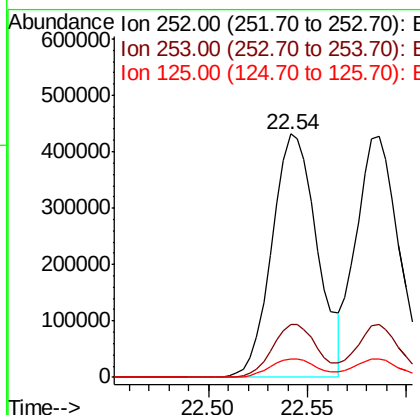
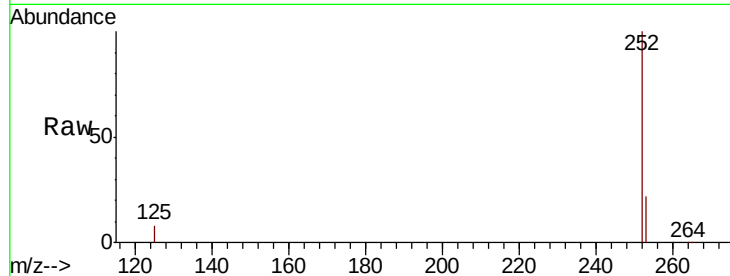




#33
Benzo(b)fluoranthene
Concen: 5.658 ng
RT: 22.54 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BN007051.D
Acq: 10 Aug 2019 15:47

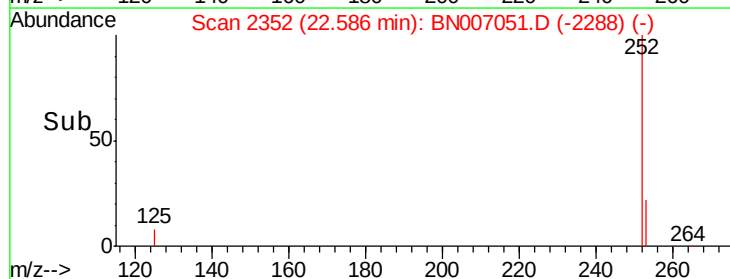
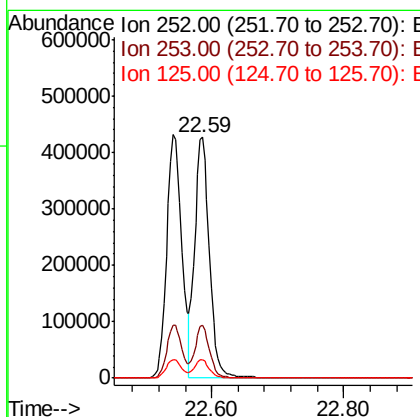
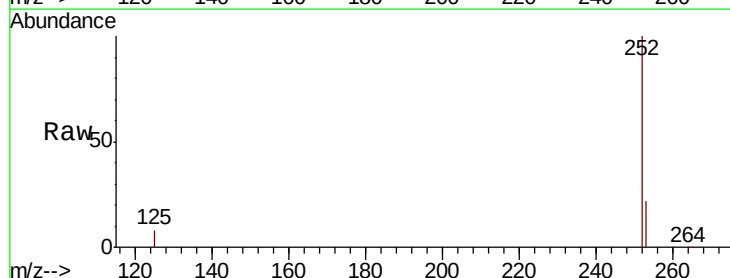
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

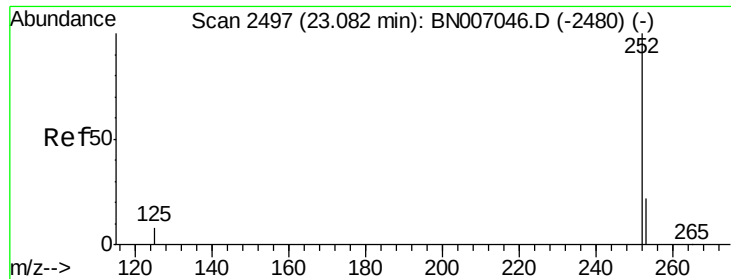
Tgt Ion:252 Resp: 683262
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 7.8 7.4 11.0



#34
Benzo(k)fluoranthene
Concen: 5.469 ng
RT: 22.59 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BN007051.D
Acq: 10 Aug 2019 15:47

Tgt Ion:252 Resp: 660437
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 7.7 7.4 11.0





#35

Benzo(a)pyrene

Concen: 5.657 ng

RT: 23.08 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

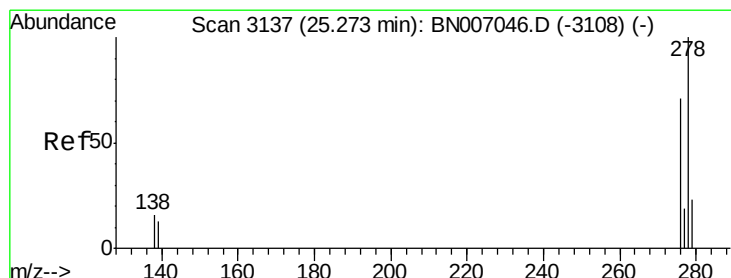
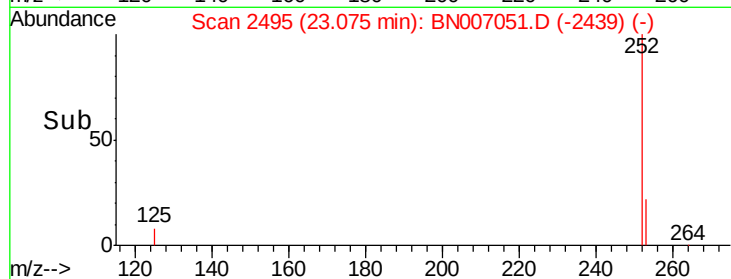
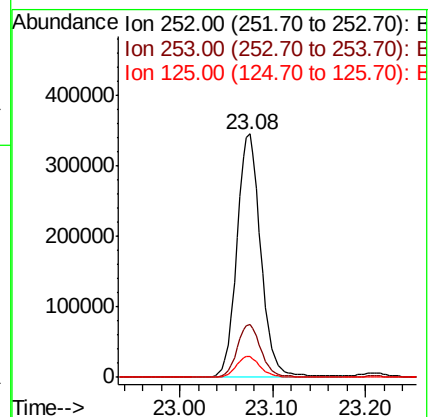
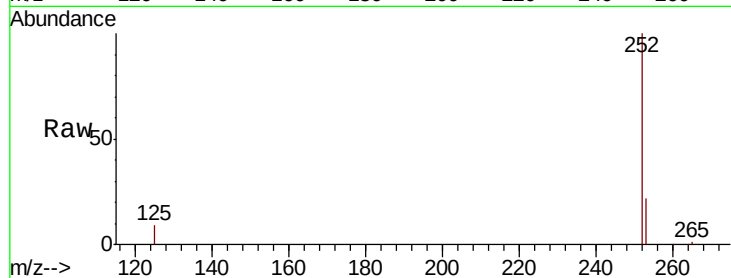
Tgt Ion:252 Resp: 616052

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 8.6 8.2 12.4



#36

Dibenzo(a,h)anthracene

Concen: 5.612 ng

RT: 25.27 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BN007051.D

Acq: 10 Aug 2019 15:47

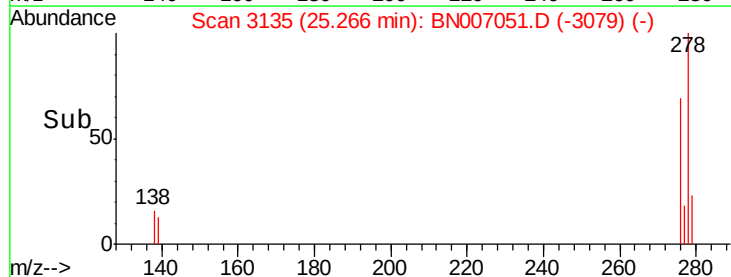
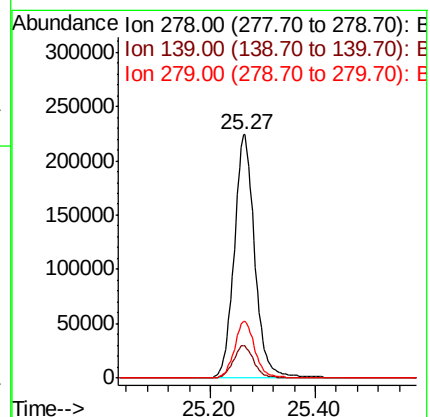
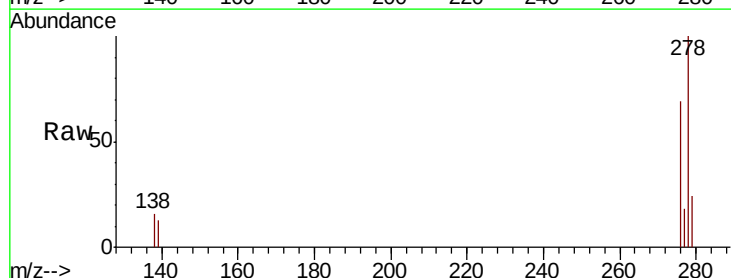
Tgt Ion:278 Resp: 608991

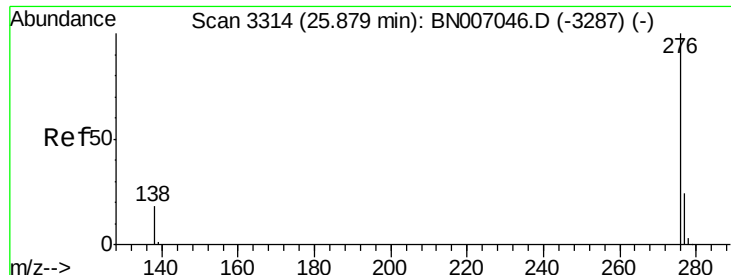
Ion Ratio Lower Upper

278 100

139 13.2 11.3 16.9

279 23.5 19.3 28.9





#37

Benzo(g,h,i)perylene

Concen: 5.473 ng

RT: 25.87 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BN007051.D

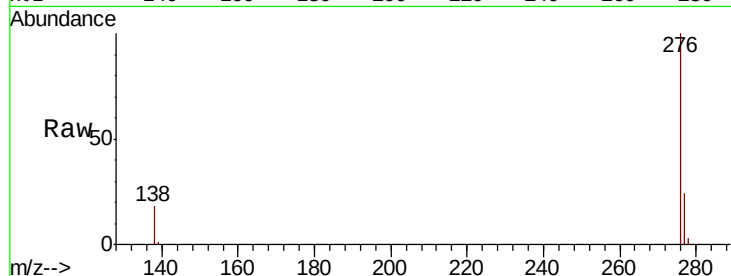
Acq: 10 Aug 2019 15:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



Tgt Ion: 276 Resp: 620514

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 17.6 14.6 22.0

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

