

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007760.D
 Acq On : 20 Sep 2019 12:41
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

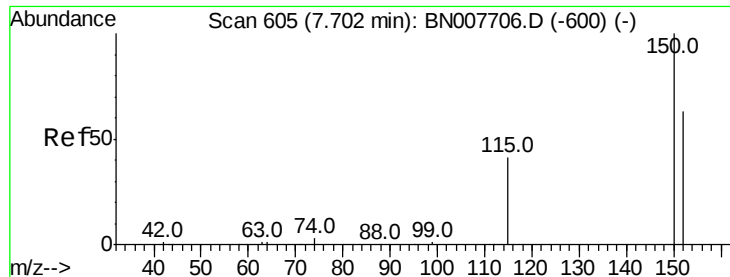
Quant Time: Sep 20 22:47:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	9270	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	37261	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	23865	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	53457	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	63169	0.40	ng	-0.01
34) Perylene-d12	23.47	264	68419	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	10357	0.32	ng	0.00
5) Phenol-d6	6.87	99	13396	0.34	ng	0.00
8) Nitrobenzene-d5	8.83	82	12070	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	25450	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	4069	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	36444	0.37	ng	0.00
25) Fluoranthene-d10	19.10	212	72304	0.40	ng	-0.01
29) Terphenyl-d14	19.70	244	61193	0.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	3609	0.349	ng	# 79
6) bis(2-Chloroethyl)ether	7.13	93	11599	0.442	ng	92
9) Naphthalene	10.51	128	41902	0.401	ng	99
10) Hexachlorobutadiene	10.81	225	8786	0.399	ng	# 100
12) 2-Methylnaphthalene	12.13	142	29070	0.411	ng	100
16) Acenaphthylene	14.03	152	44258	0.350	ng	100
17) Acenaphthene	14.38	154	29540	0.362	ng	99
18) Fluorene	15.37	166	38219	0.365	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	13115	0.404	ng	97
21) Hexachlorobenzene	16.38	284	14230	0.401	ng	99
22) Pentachlorophenol	16.72	266	4314	0.330	ng	98
23) Phenanthrene	17.10	178	66955	0.402	ng	100
24) Anthracene	17.19	178	58673	0.390	ng	100
26) Fluoranthene	19.13	202	84025	0.406	ng	100
28) Pyrene	19.49	202	85419	0.396	ng	100
30) Benzo(a)anthracene	21.24	228	89302	0.384	ng	99
31) Chrysene	21.29	228	89997	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	51606	0.431	ng	94
33) Indeno(1,2,3-cd)pyrene	25.69	276	108239	0.381	ng	99
35) Benzo(b)fluoranthene	22.81	252	91542	0.385	ng	98
36) Benzo(k)fluoranthene	22.86	252	94714	0.403	ng	99
37) Benzo(a)pyrene	23.38	252	85192	0.382	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	87378	0.383	ng	99
39) Benzo(g,h,i)perylene	26.36	276	84833	0.375	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

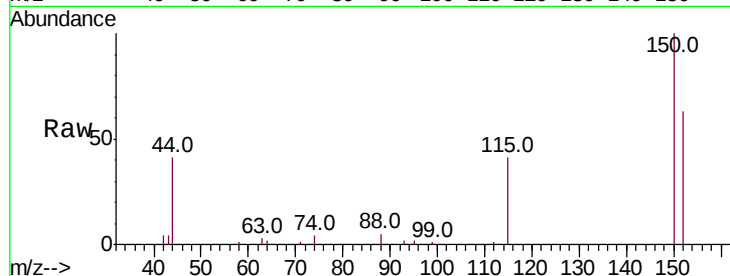
Tot Ion:152 Resp: 9270

Ion Ratio Lower Upper

152 100

150 157.7 125.6 188.4

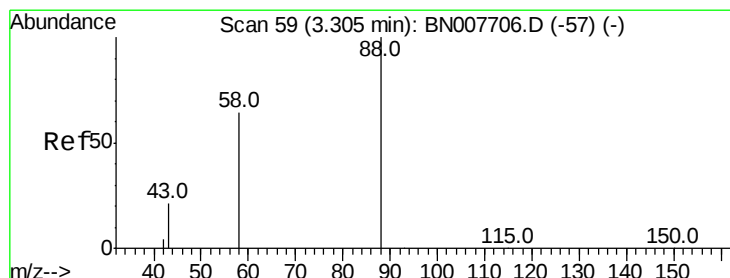
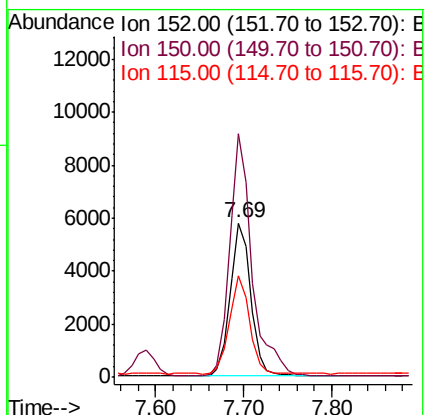
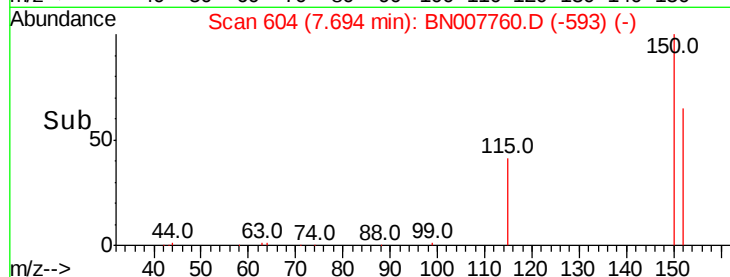
115 65.4 53.3 79.9



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: 0.349 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

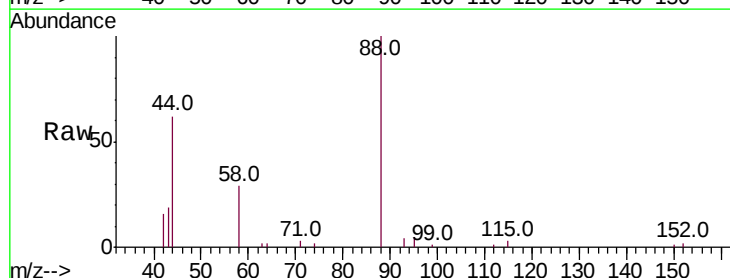
Tgt Ion: 88 Resp: 3609

Ion Ratio Lower Upper

88 100

58 72.4 44.6 66.8#

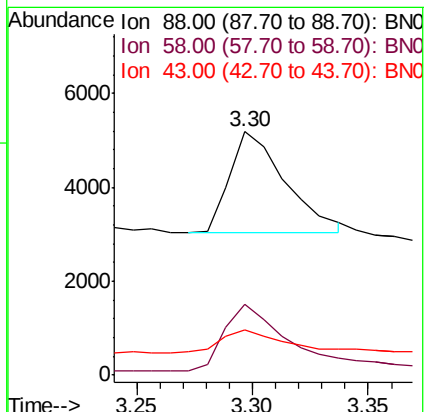
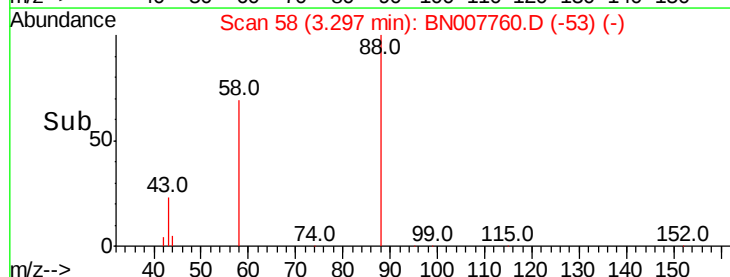
43 24.7 14.4 21.6#

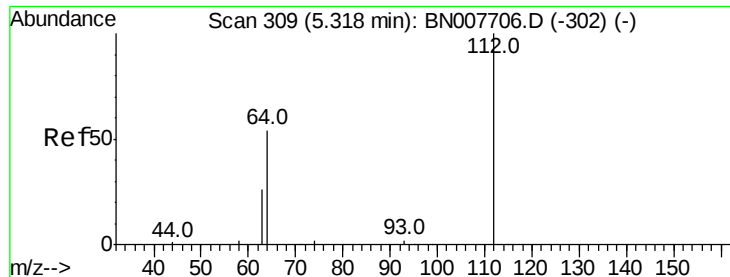


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.325 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

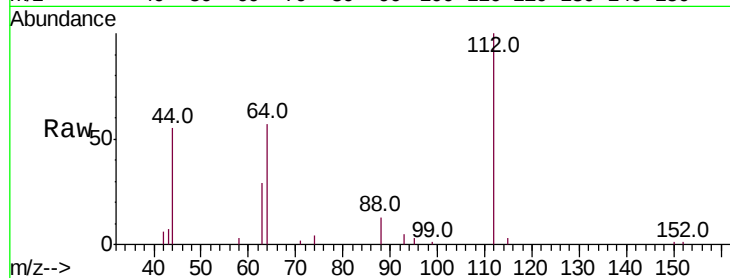
Tot Ion:112 Resp: 10357

Ion Ratio Lower Upper

112 100

64 59.1 46.6 70.0

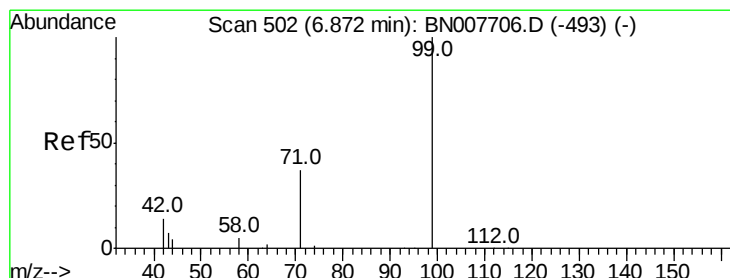
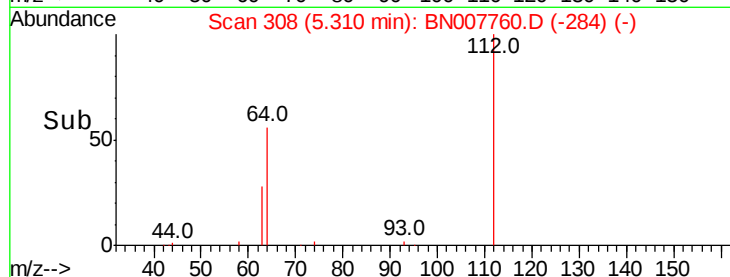
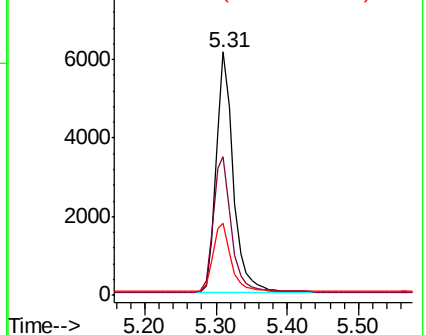
63 28.8 23.1 34.7



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



#5

Phenol-d6

Concen: 0.336 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

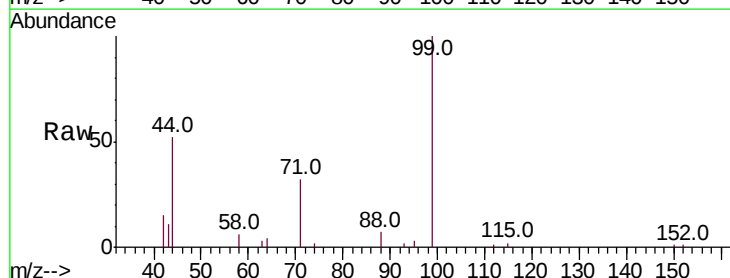
Tgt Ion: 99 Resp: 13396

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

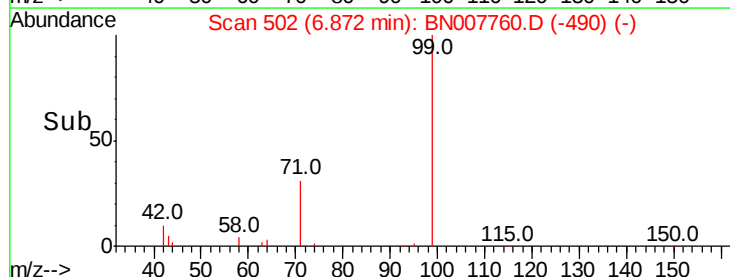
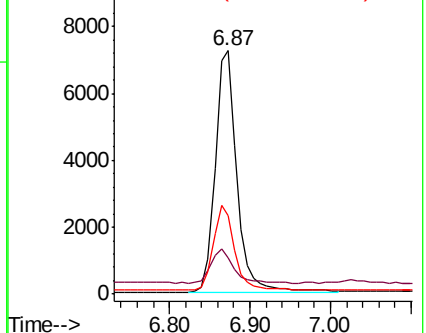
71 34.4 27.6 41.4

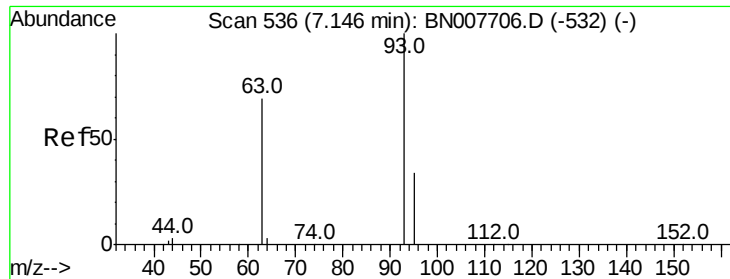


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.442 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

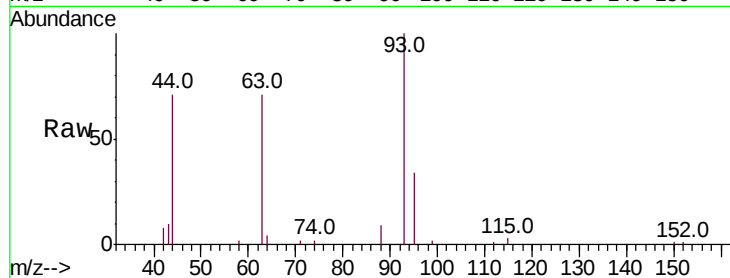
Tot Ion: 93 Resp: 11599

Ion Ratio Lower Upper

93 100

63 68.0 59.3 88.9

95 34.0 31.4 47.0

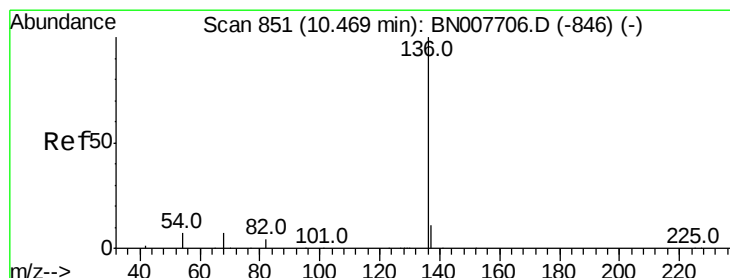
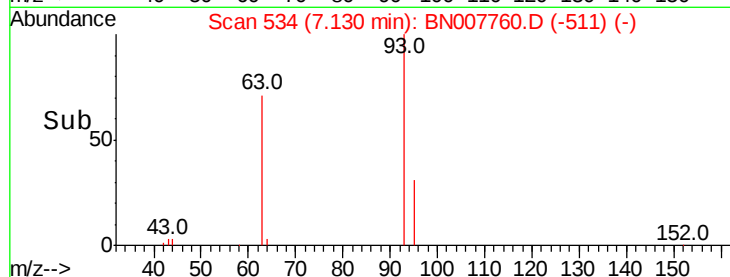
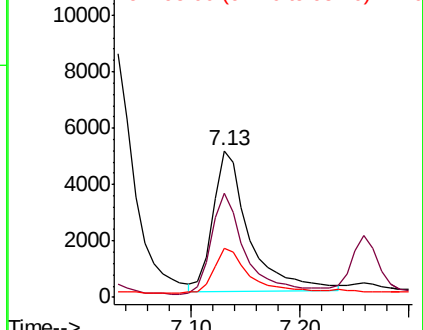


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Tgt Ion: 136 Resp: 37261

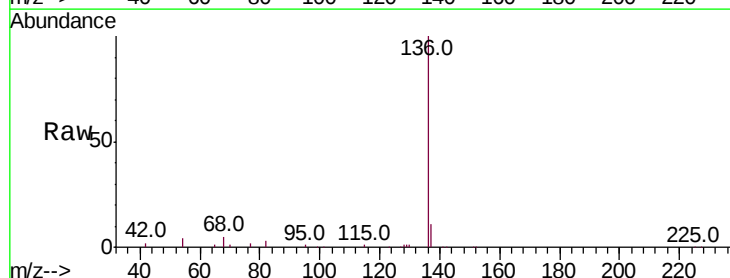
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 4.3 5.8 8.8#

68 5.1 6.5 9.7#



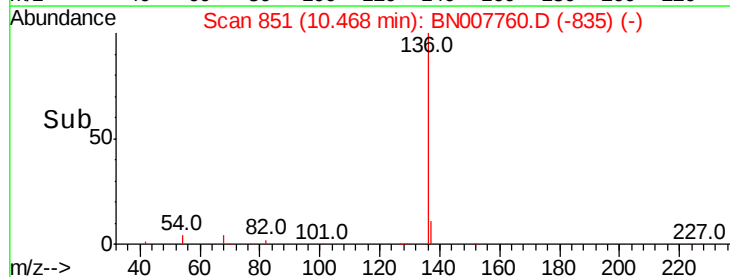
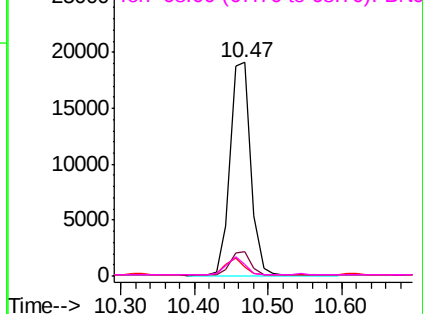
Abundance

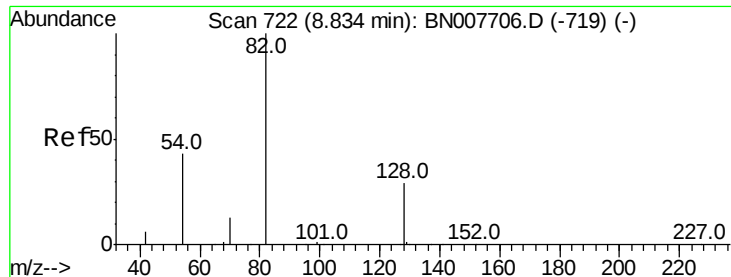
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

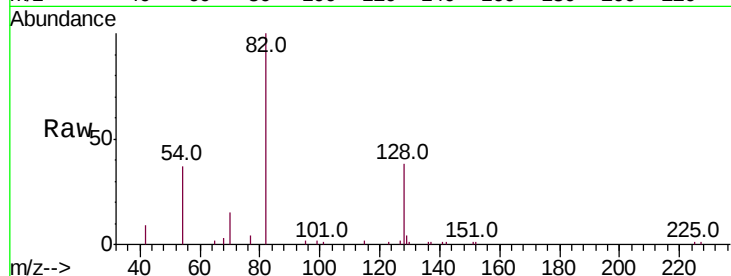
Tot Ion: 82 Resp: 12070

Ion Ratio Lower Upper

82 100

128 38.4 24.5 36.7#

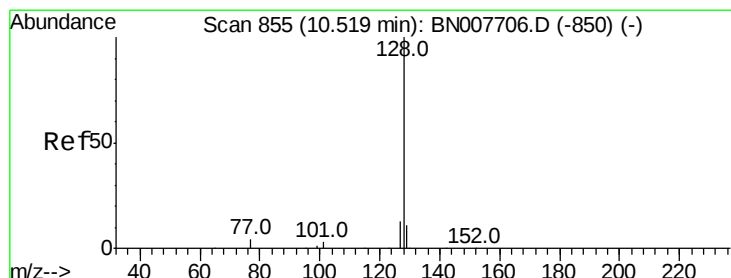
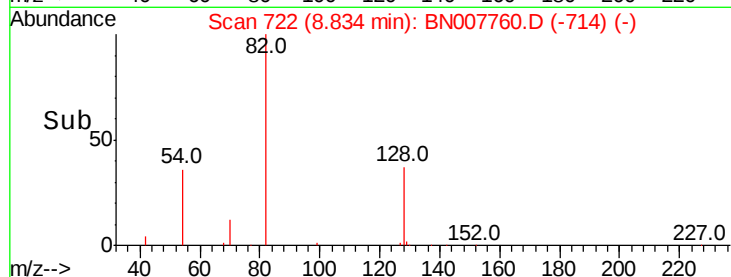
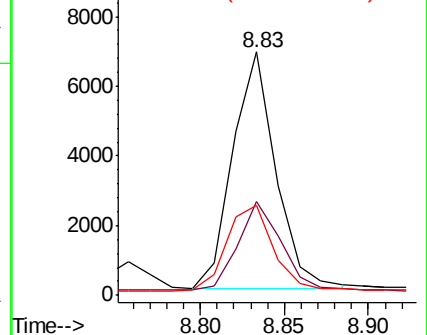
54 36.8 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#9

Naphthalene

Concen: 0.401 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

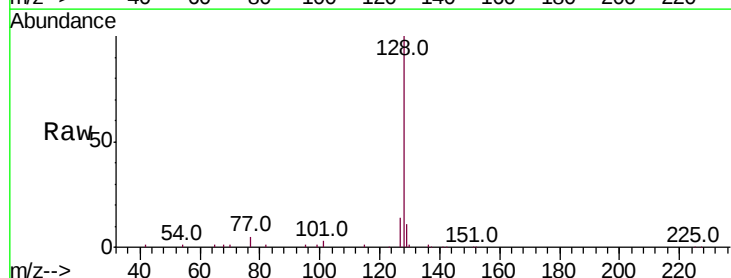
Tgt Ion: 128 Resp: 41902

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

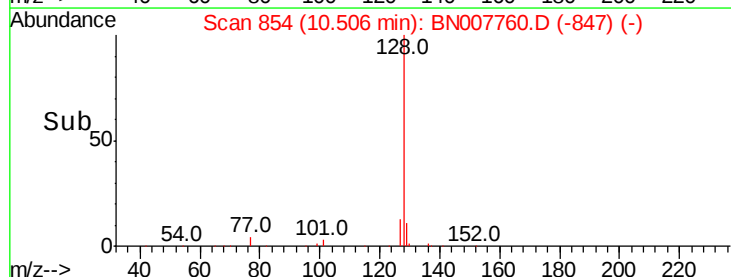
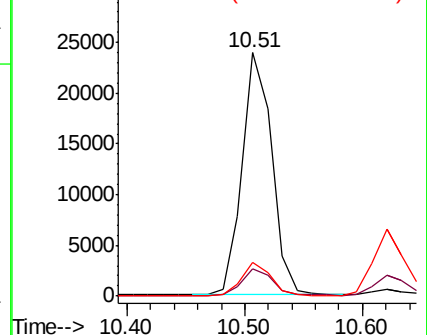
127 13.6 10.6 15.8

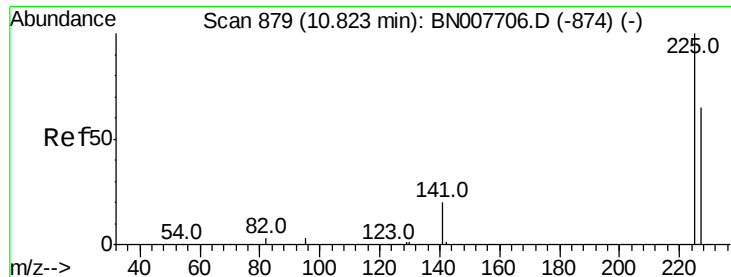


Abundance Ion 128.00 (127.70 to 128.70): BN007706.D (-850) (-)

Ion 129.00 (128.70 to 129.70): BN007706.D (-850) (-)

Ion 127.00 (126.70 to 127.70): BN007706.D (-850) (-)

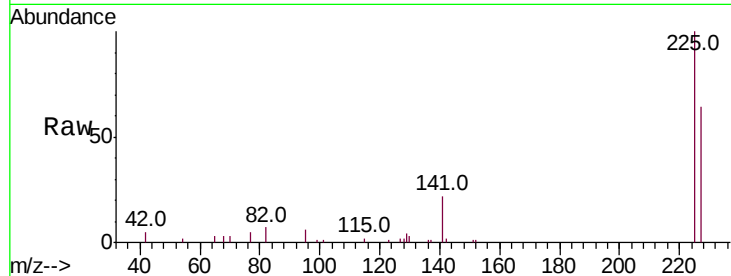




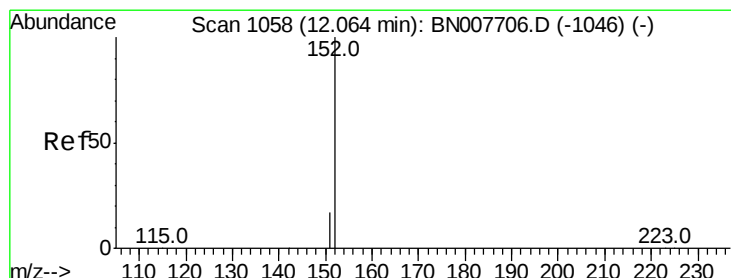
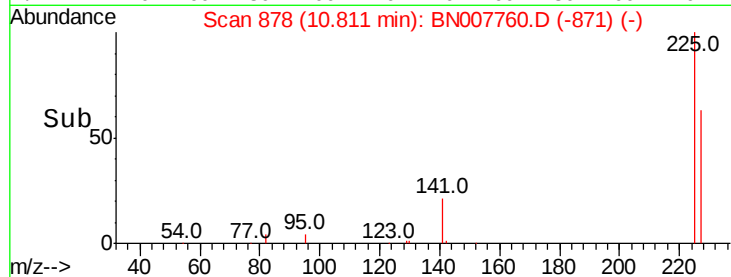
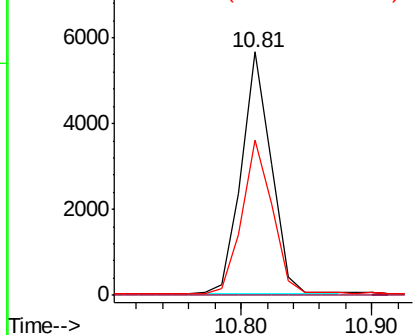
#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007760.D
Acq: 20 Sep 2019 12:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:225 Resp: 8786
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.2 76.8

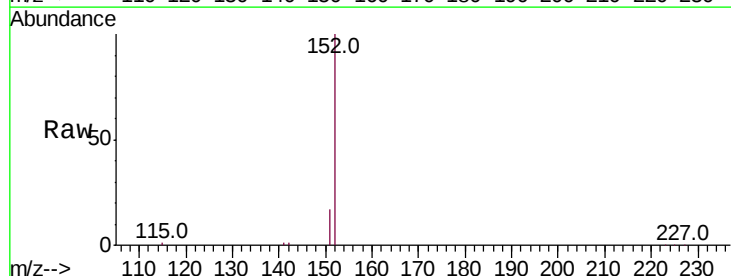


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

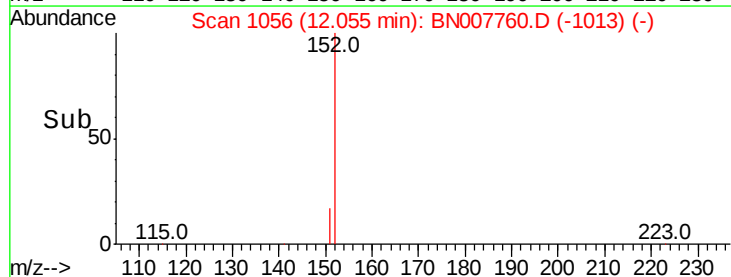
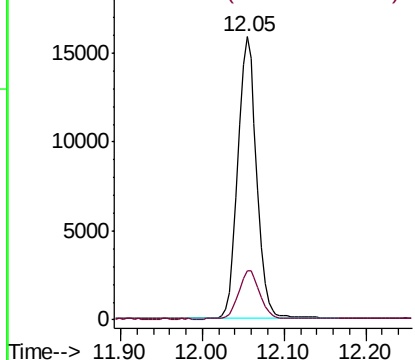


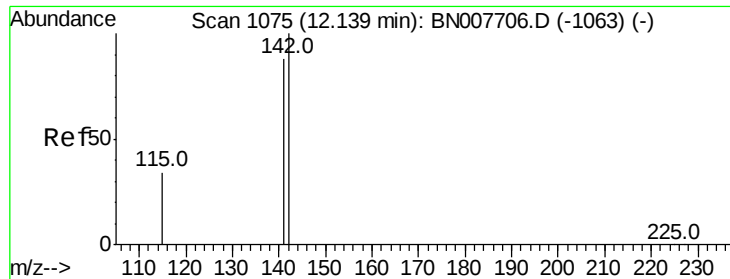
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007760.D
Acq: 20 Sep 2019 12:41

Tgt Ion:152 Resp: 25450
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2



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





#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 12.13 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

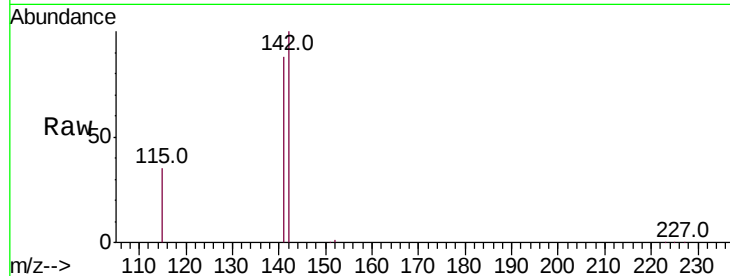
Tot Ion:142 Resp: 29070

Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0

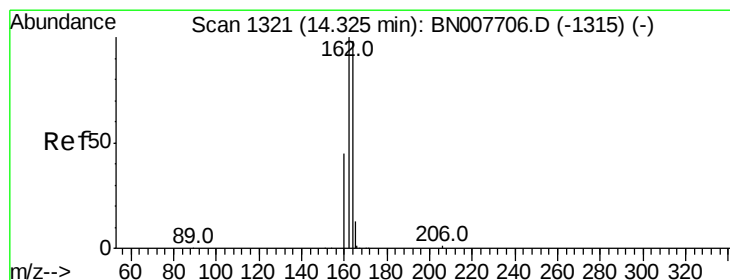
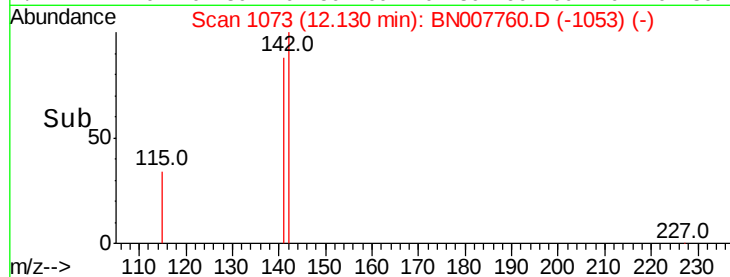
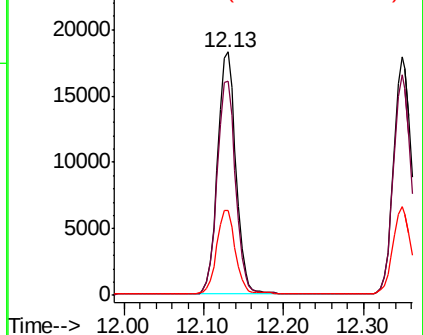
115 34.7 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

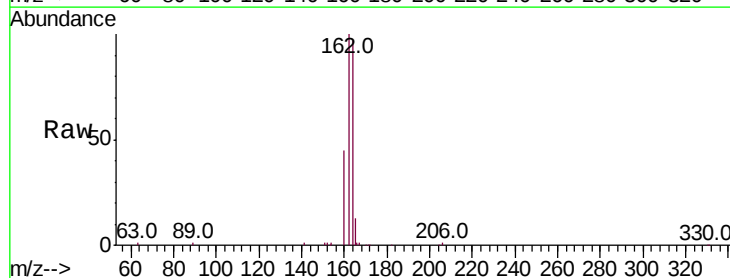
Tgt Ion:164 Resp: 23865

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

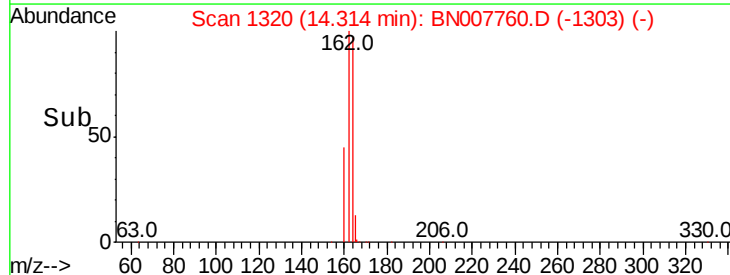
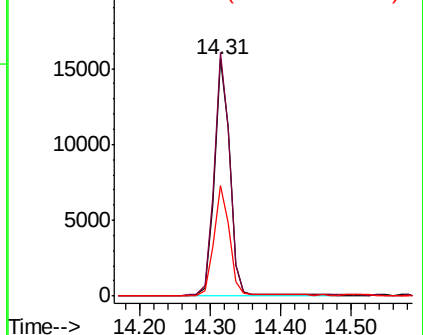
160 46.6 37.0 55.4

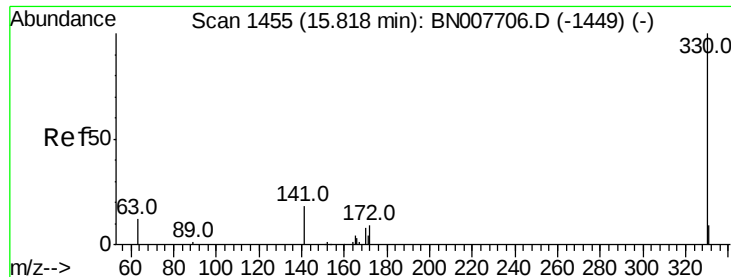


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

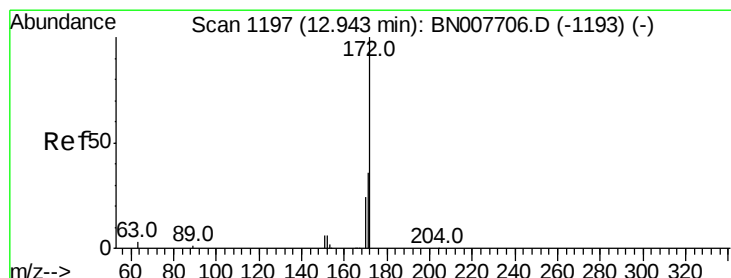
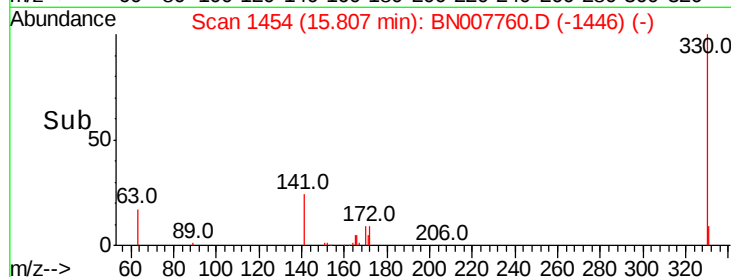
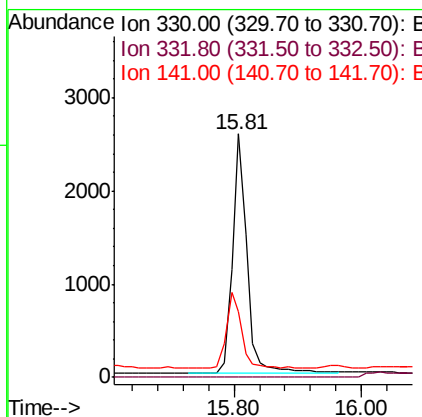
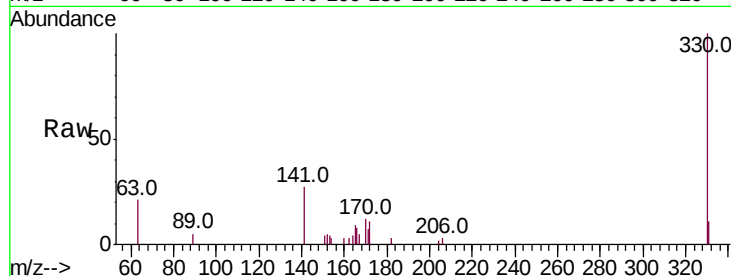




#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007760.D
 Acq: 20 Sep 2019 12:41

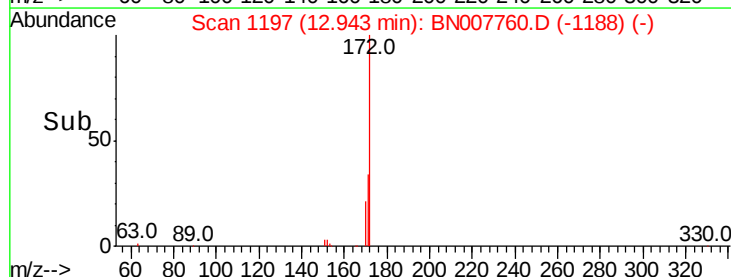
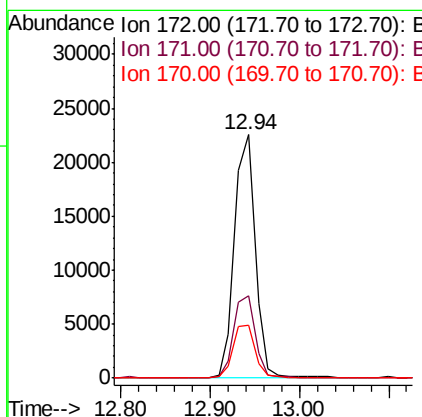
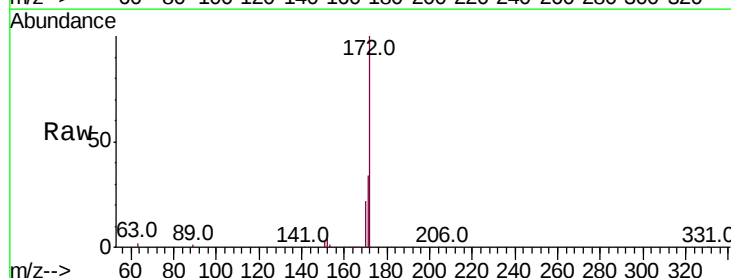
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

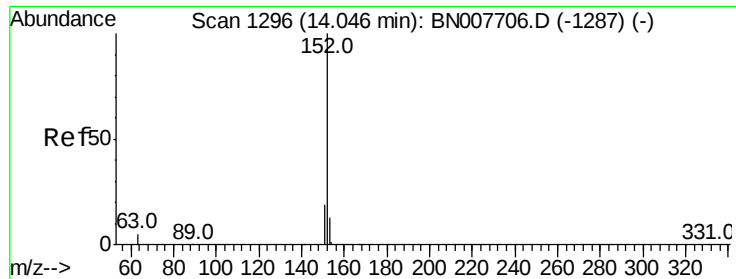
Tot Ion:330 Resp: 4069
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.0 28.7 43.1



#15
 2-Fluorobiphenyl
 Concen: 0.371 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007760.D
 Acq: 20 Sep 2019 12:41

Tgt Ion:172 Resp: 36444
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.8 43.2
 170 21.7 19.5 29.3





#16

Acenaphthylene

Concen: 0.350 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

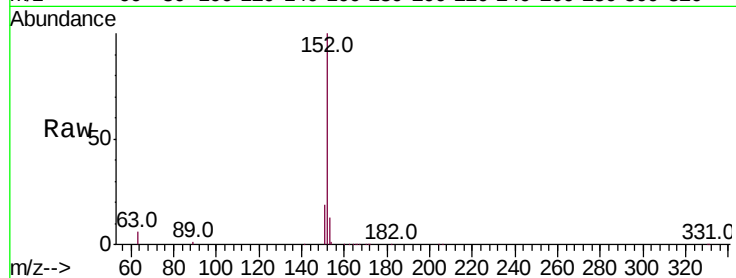
Tot Ion:152 Resp: 44258

Ion Ratio Lower Upper

152 100

151 19.6 15.5 23.3

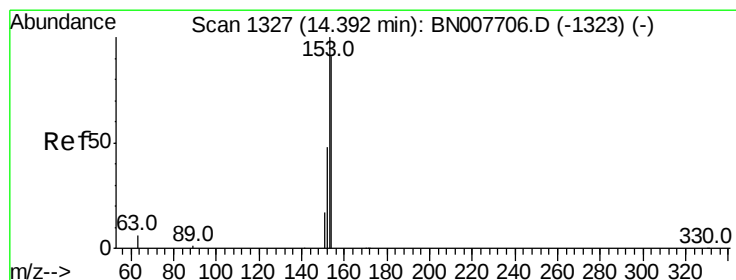
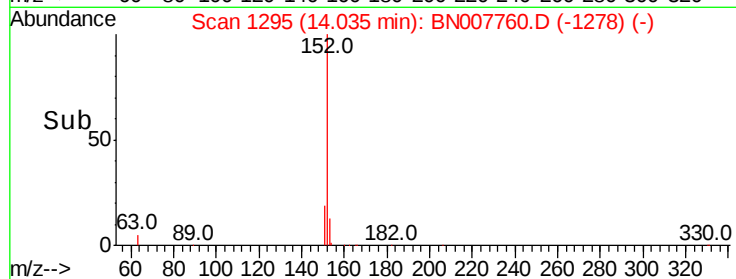
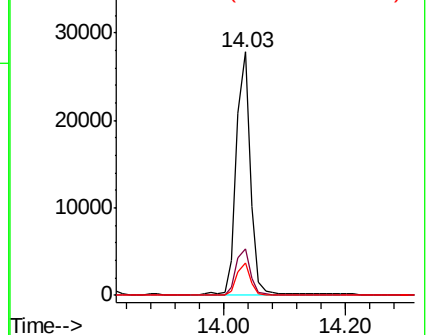
153 13.0 10.4 15.6



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



#17

Acenaphthene

Concen: 0.362 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

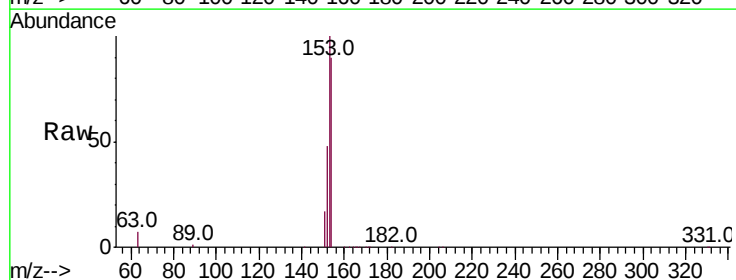
Tgt Ion:154 Resp: 29540

Ion Ratio Lower Upper

154 100

153 110.7 87.0 130.4

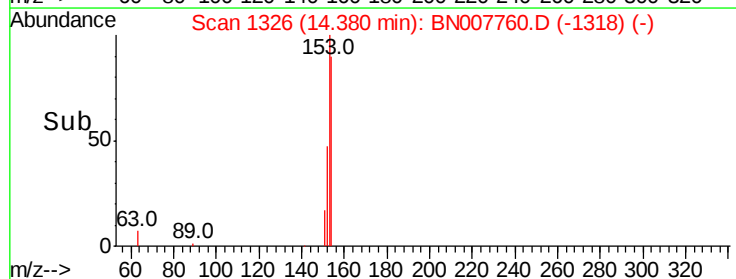
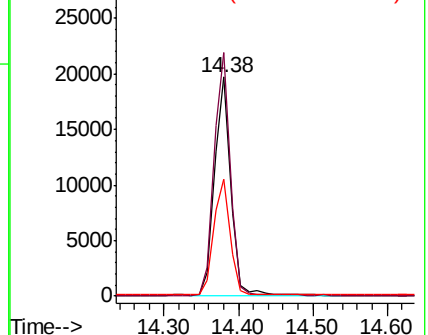
152 53.9 42.7 64.1

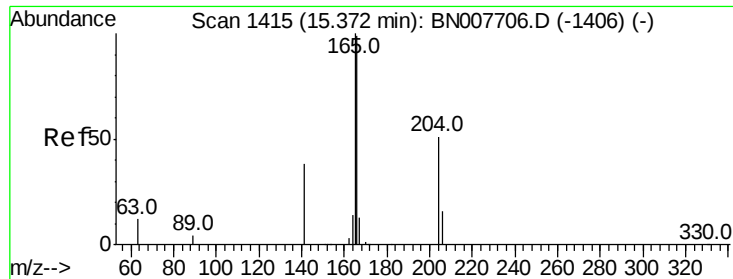


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.365 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

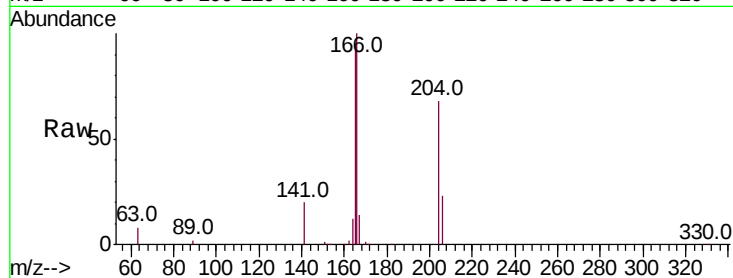
Tot Ion:166 Resp: 38219

Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

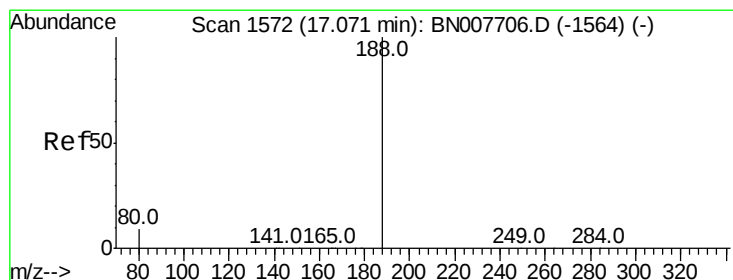
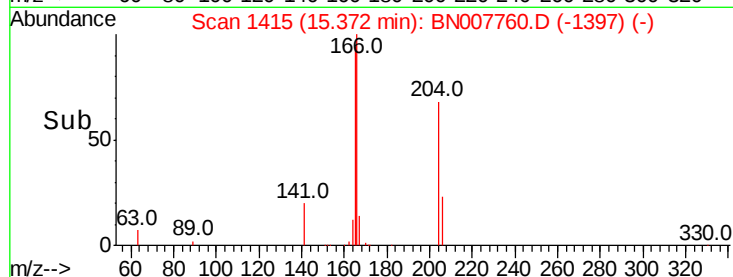
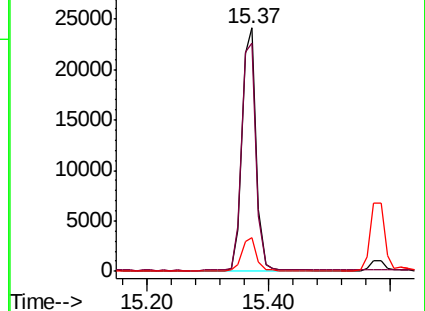
167 13.6 10.9 16.3



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

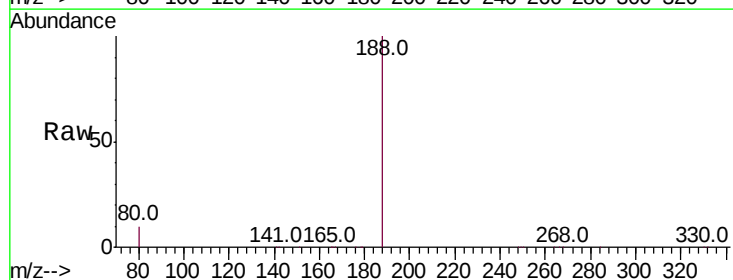
Tgt Ion:188 Resp: 53457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

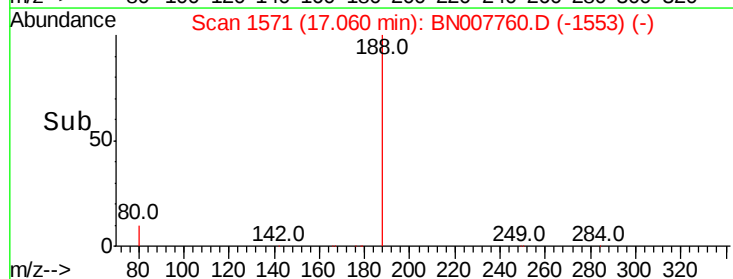
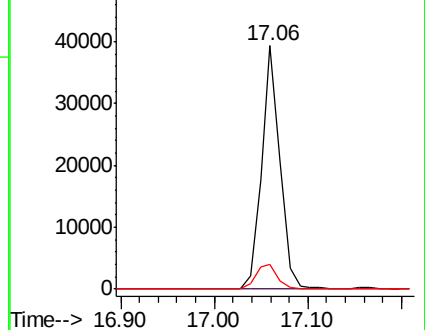
80 10.0 7.4 11.2

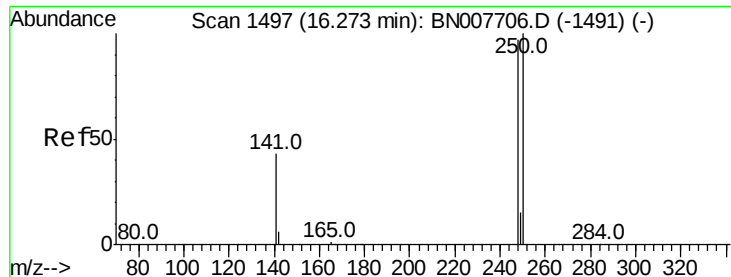


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

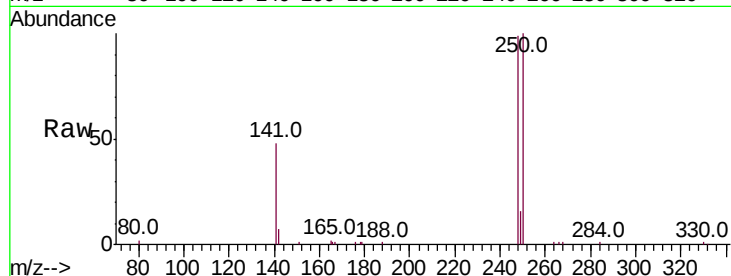
Tot Ion:248 Resp: 13115

Ion Ratio Lower Upper

248 100

250 100.9 82.2 123.4

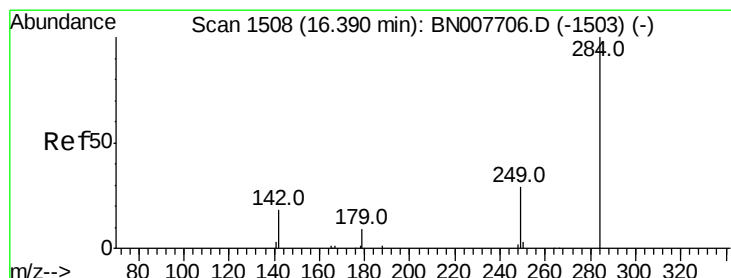
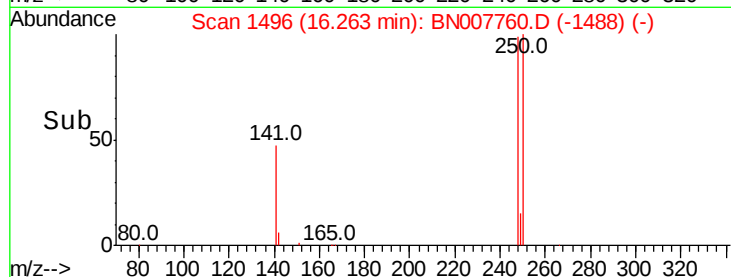
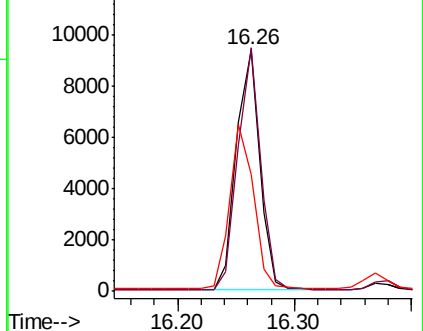
141 48.5 36.3 54.5



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: 0.401 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

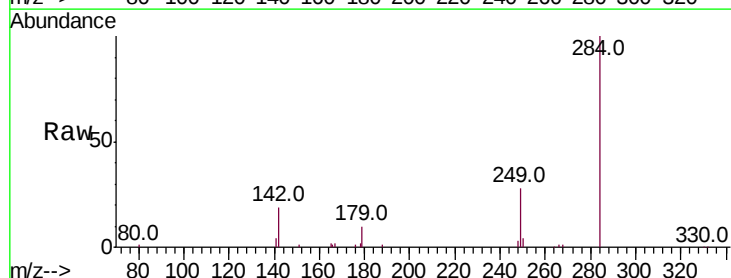
Tgt Ion:284 Resp: 14230

Ion Ratio Lower Upper

284 100

142 32.7 25.8 38.6

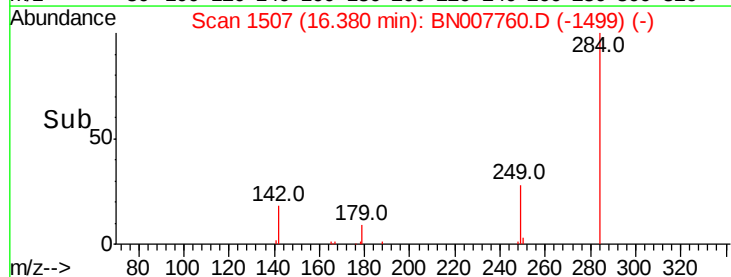
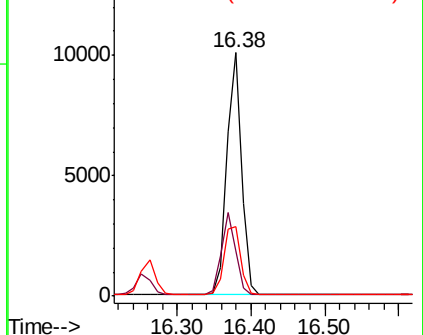
249 31.2 25.9 38.9

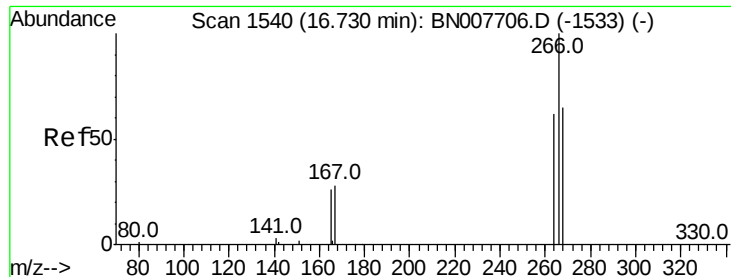


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.330 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

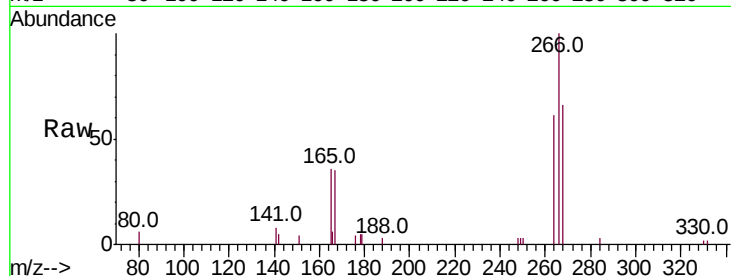
Tot Ion:266 Resp: 4314

Ion Ratio Lower Upper

266 100

264 61.2 50.0 75.0

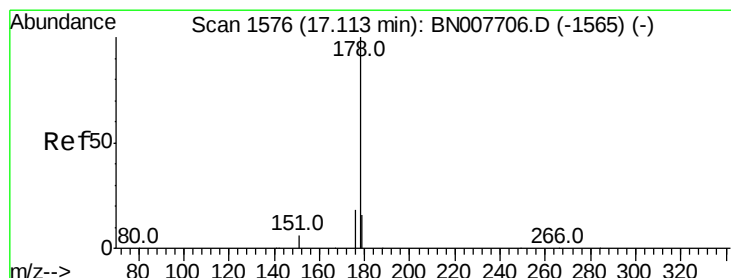
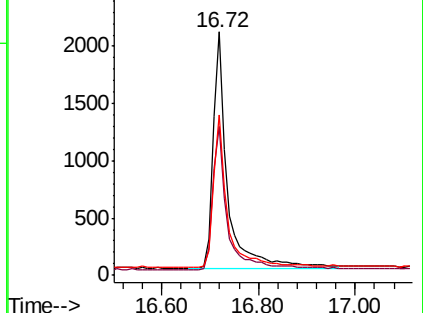
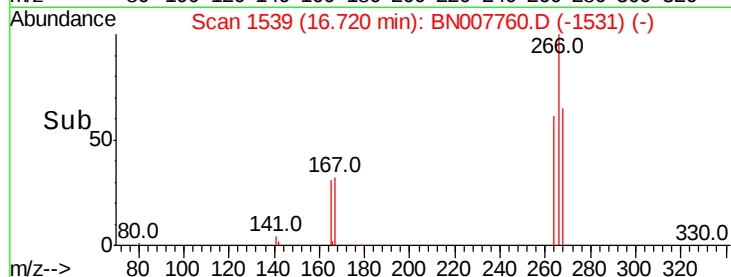
268 66.0 54.2 81.4



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: 0.402 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

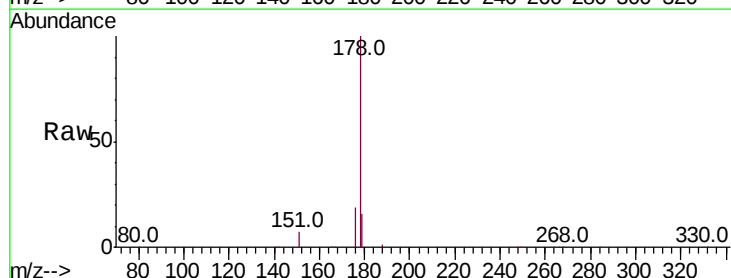
Tgt Ion:178 Resp: 66955

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

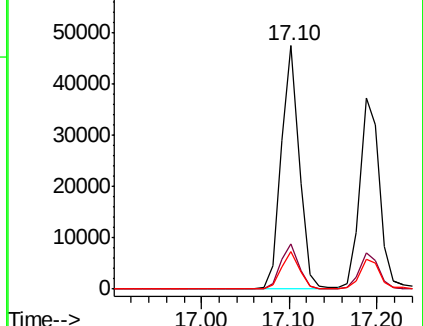
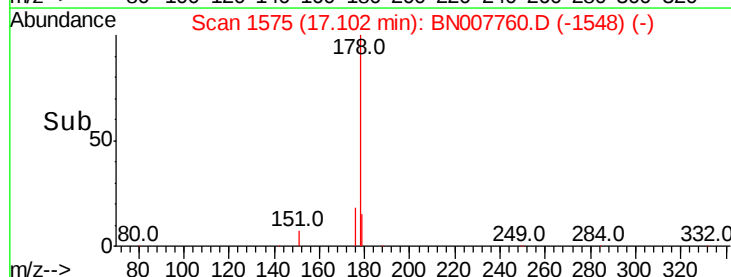
179 15.4 12.5 18.7

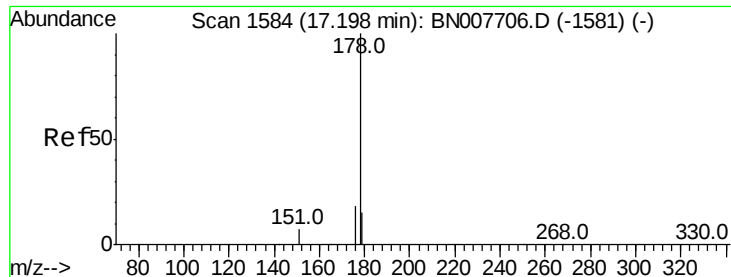


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.390 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

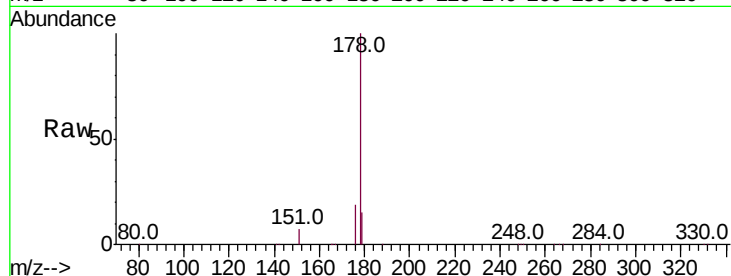
Tot Ion:178 Resp: 58673

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

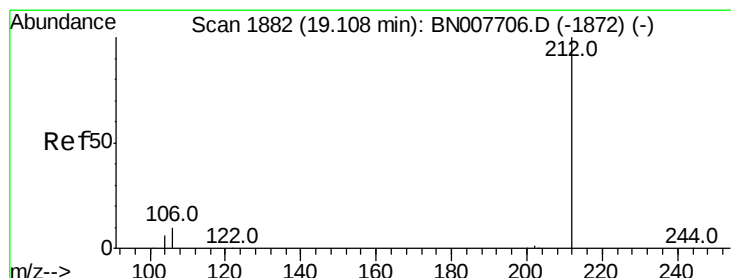
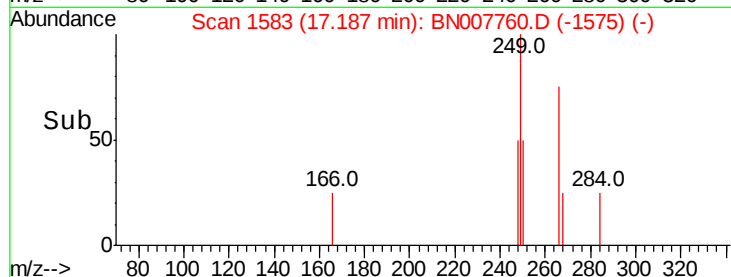
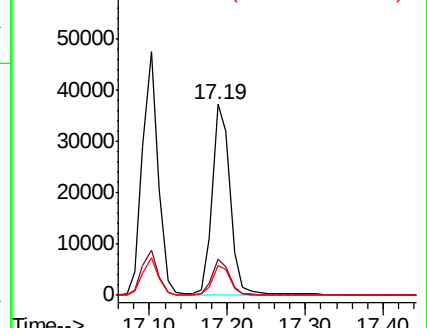
179 15.3 12.2 18.4



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: 0.401 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

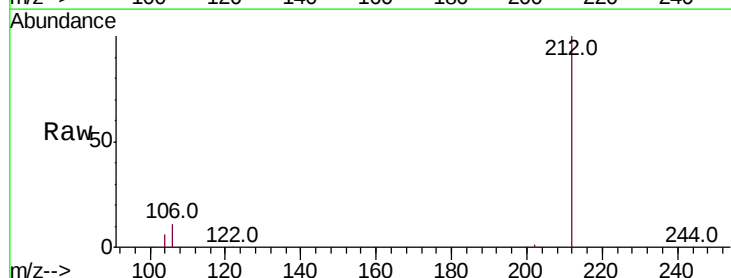
Tgt Ion:212 Resp: 72304

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

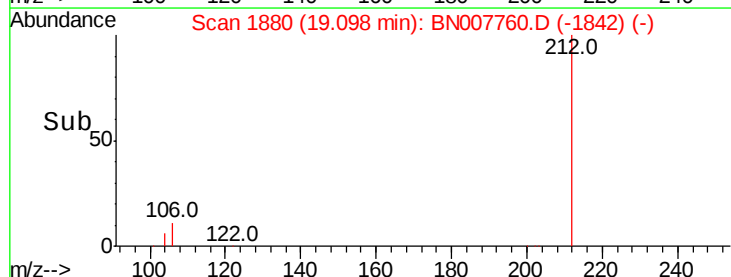
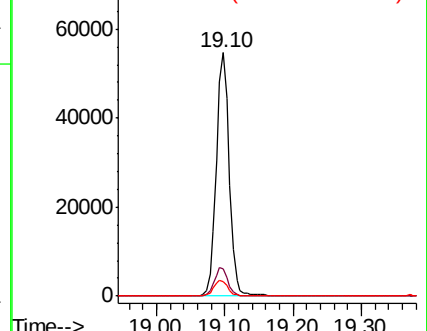
104 6.6 5.3 7.9

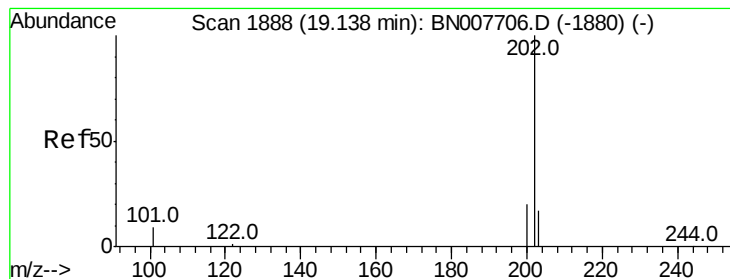


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.406 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

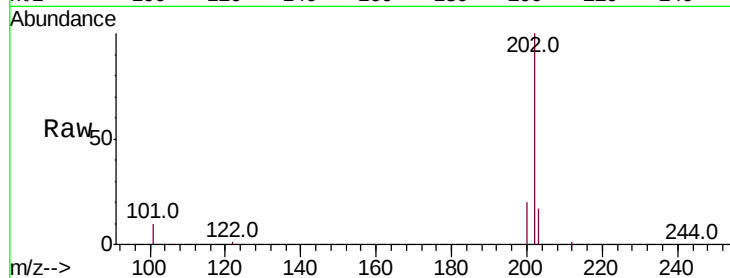
Tot Ion:202 Resp: 84025

Ion Ratio Lower Upper

202 100

101 10.6 8.4 12.6

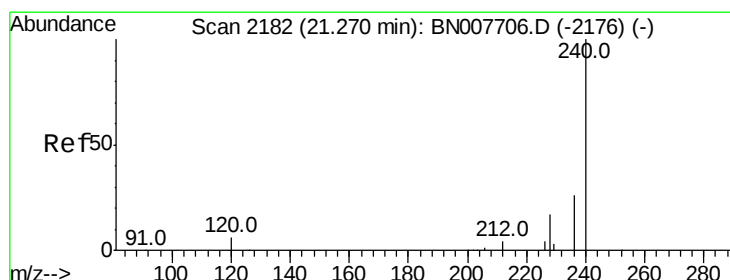
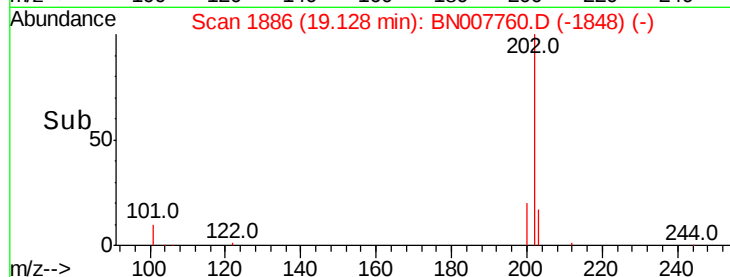
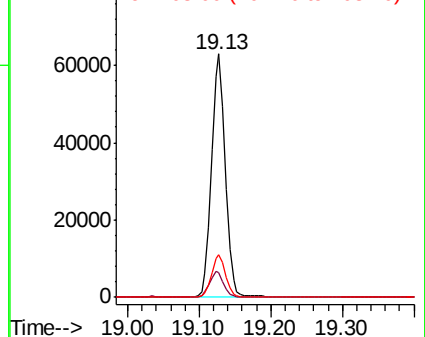
203 17.3 13.8 20.8



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

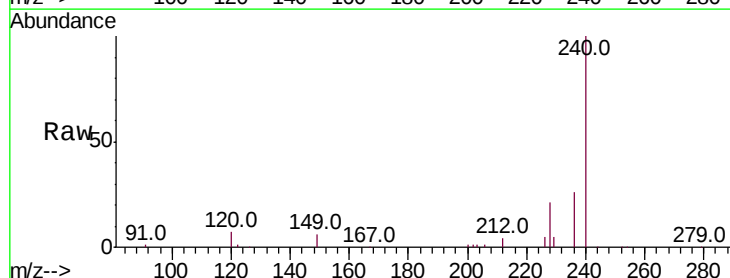
Tgt Ion:240 Resp: 63169

Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.2

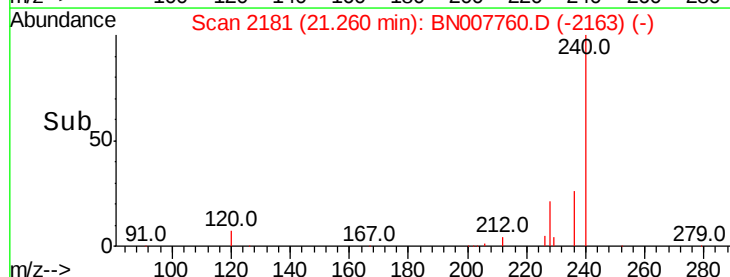
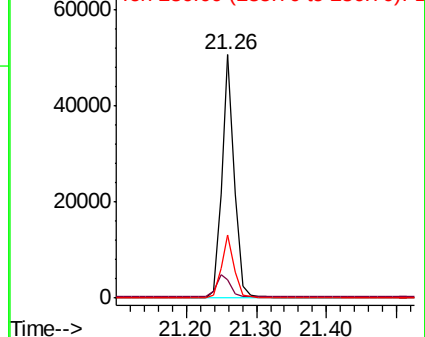
236 26.1 21.0 31.4

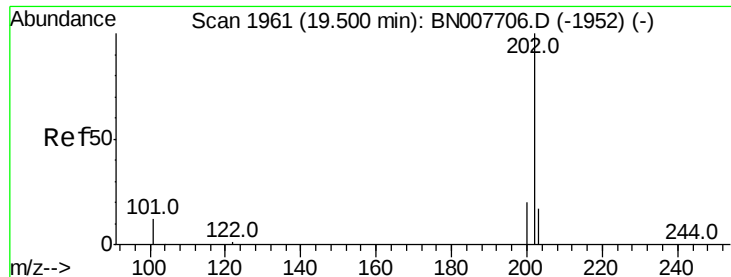


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.396 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

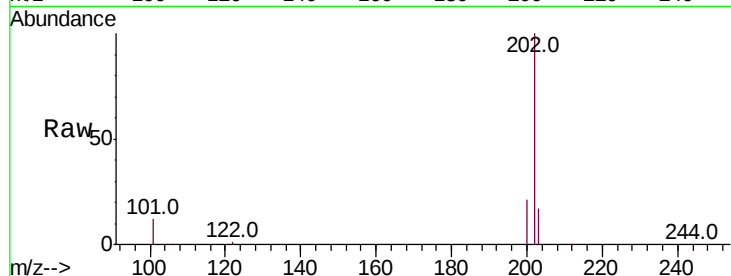
Tot Ion:202 Resp: 85419

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

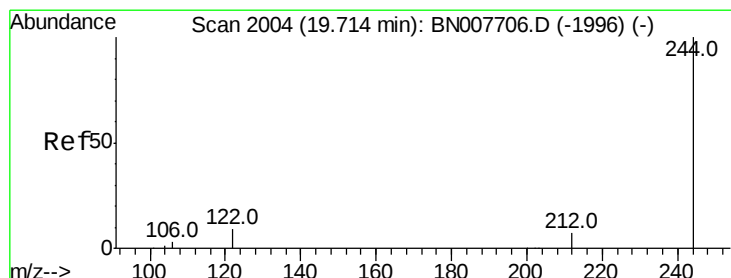
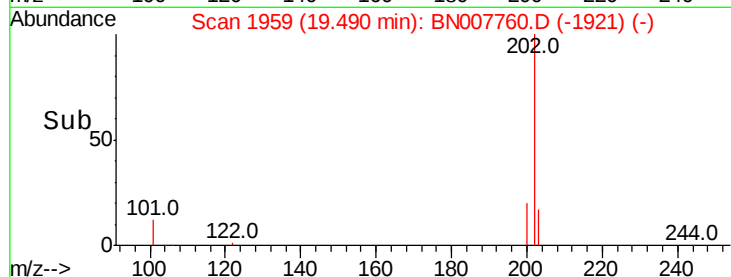
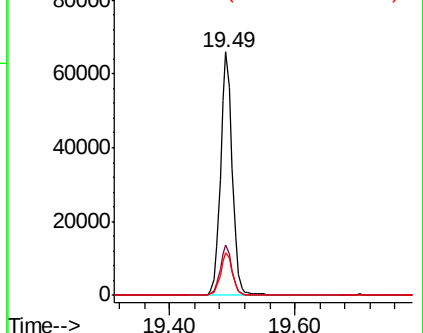
203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.70 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

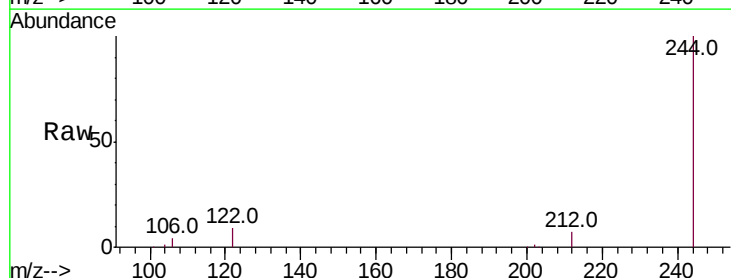
Tgt Ion:244 Resp: 61193

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

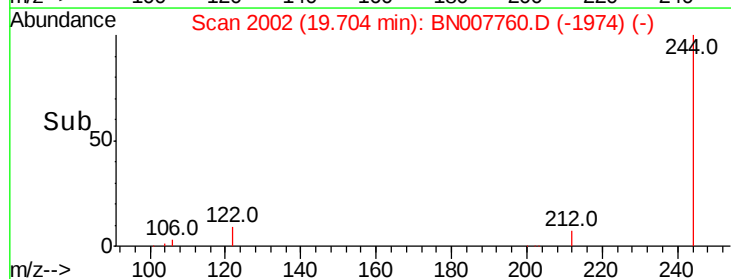
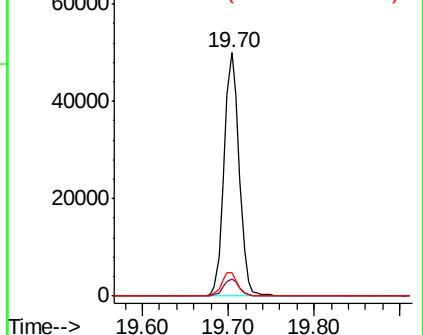
122 9.4 7.4 11.2

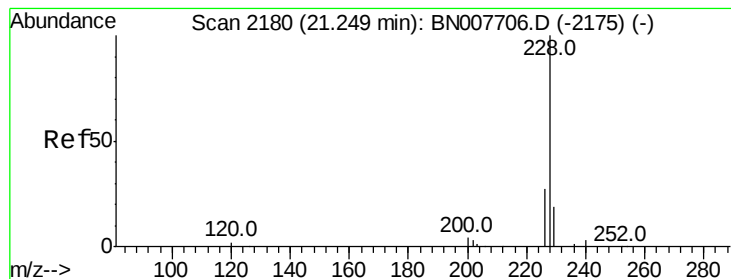


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.384 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

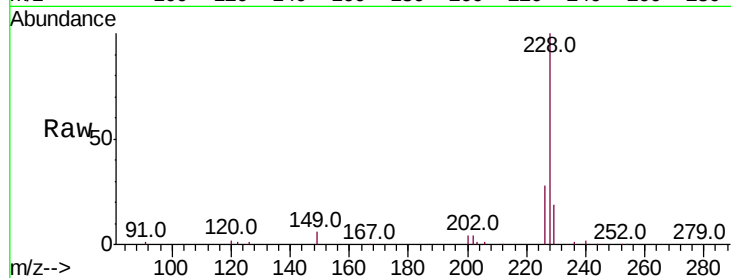
Tot Ion:228 Resp: 89302

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

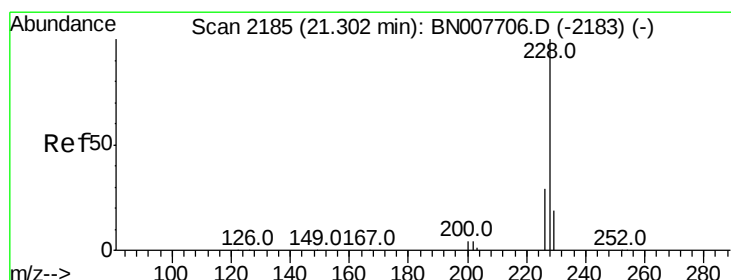
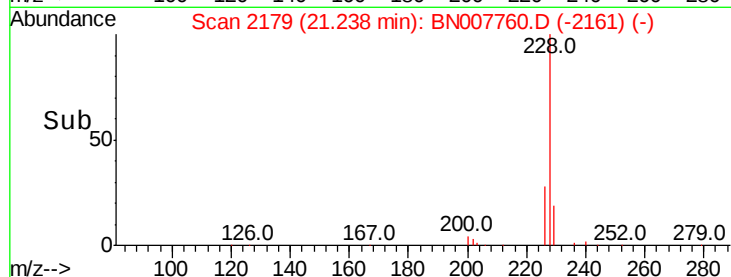
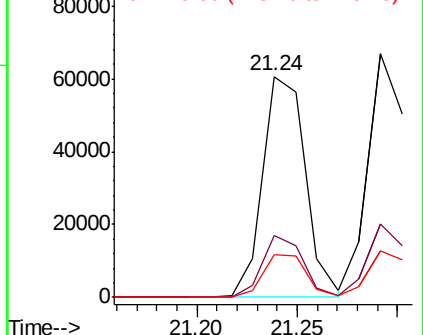
229 19.1 15.8 23.6



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



#31

Chrysene

Concen: 0.397 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

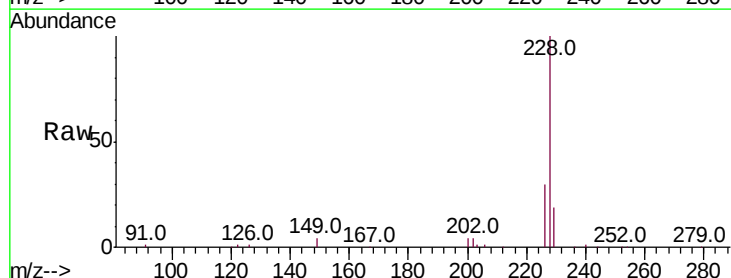
Tgt Ion:228 Resp: 89997

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

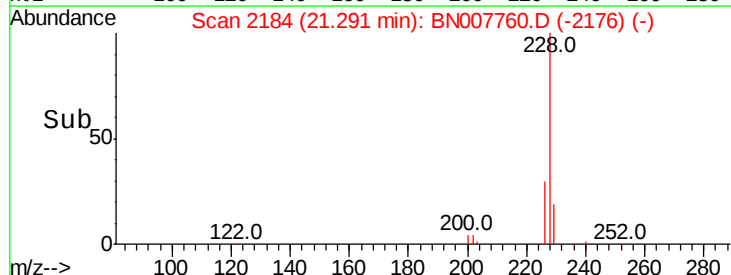
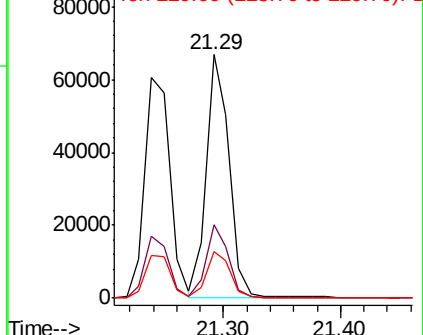
229 19.0 15.8 23.6

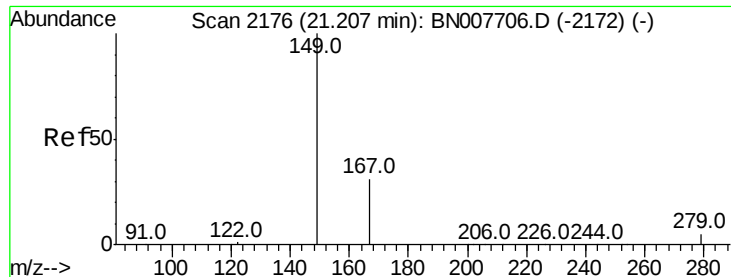


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.431 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

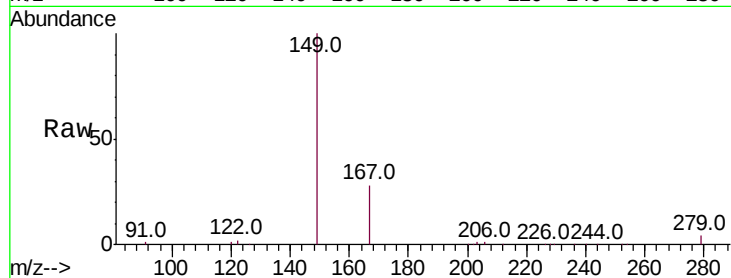
Tot Ion:149 Resp: 51606

Ion Ratio Lower Upper

149 100

167 25.8 23.7 35.5

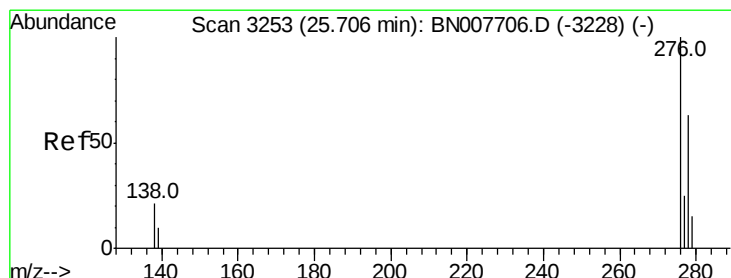
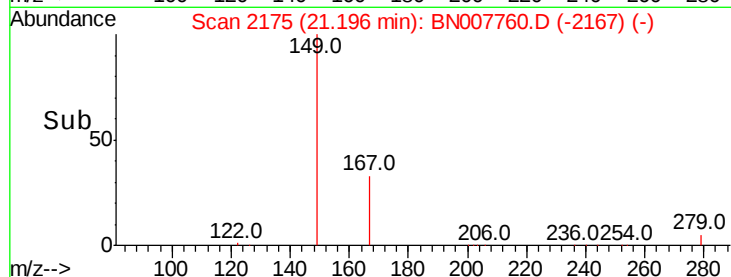
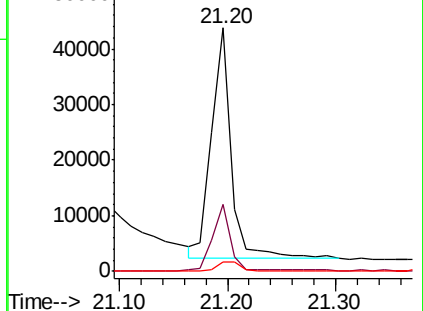
279 4.4 4.2 6.2



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: 0.381 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

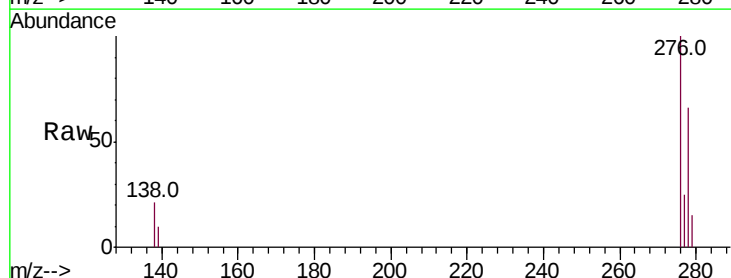
Tgt Ion:276 Resp: 108239

Ion Ratio Lower Upper

276 100

138 22.1 17.1 25.7

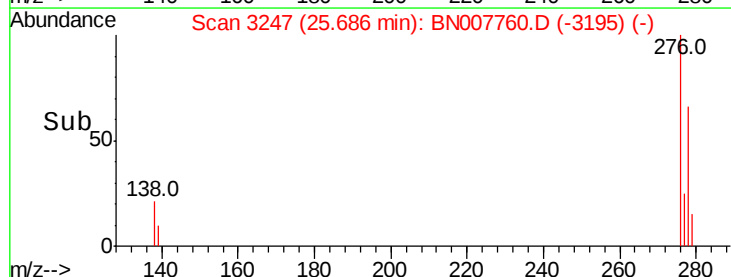
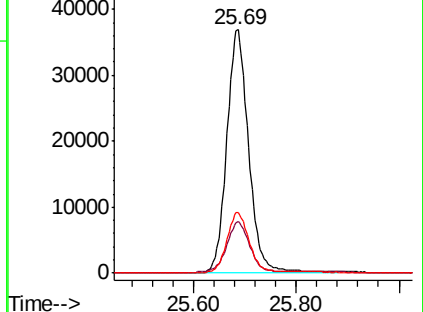
277 25.1 20.0 30.0

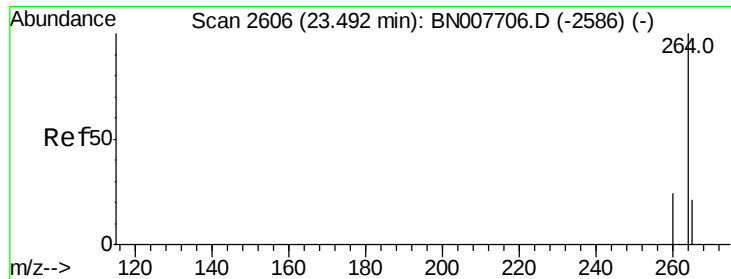


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

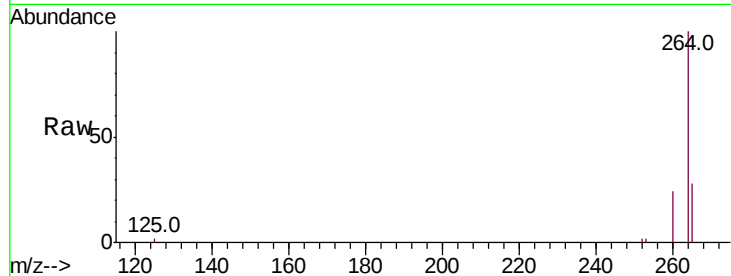
Tot Ion:264 Resp: 68419

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

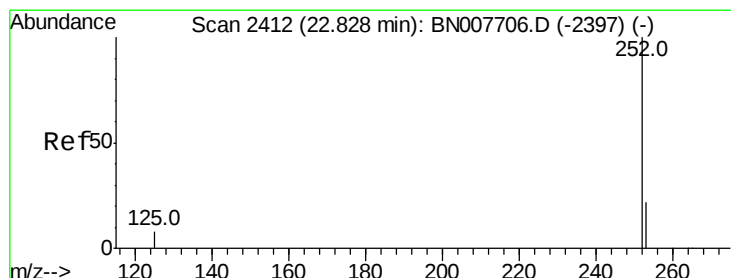
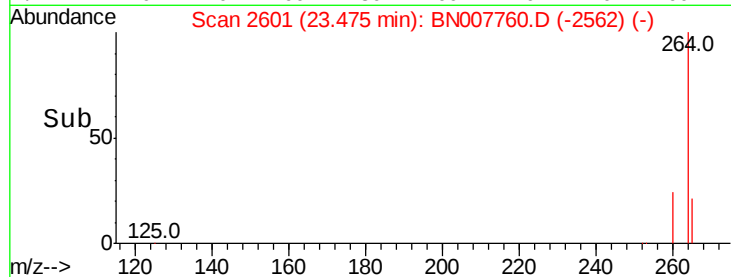
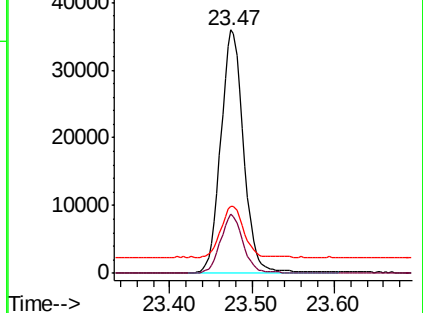
265 27.8 26.9 40.3



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



#35

Benzo(b)fluoranthene

Concen: 0.385 ng

RT: 22.81 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

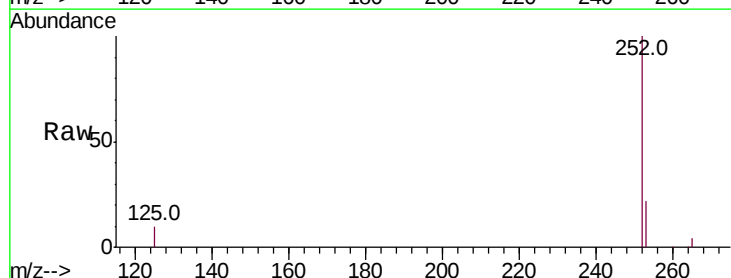
Tgt Ion:252 Resp: 91542

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

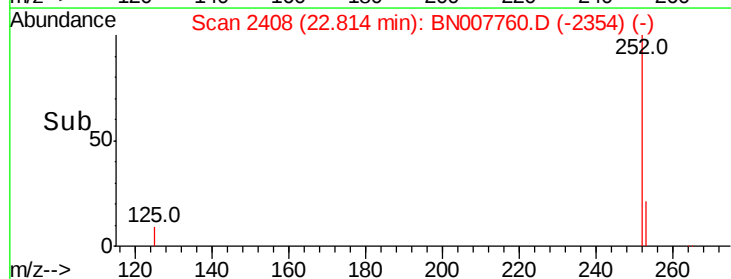
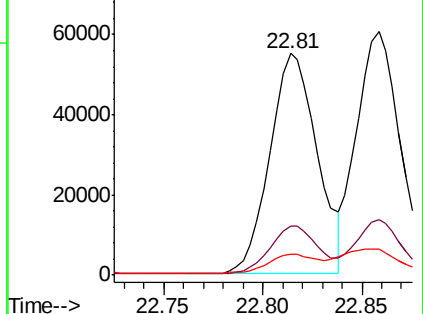
125 9.5 8.2 12.4

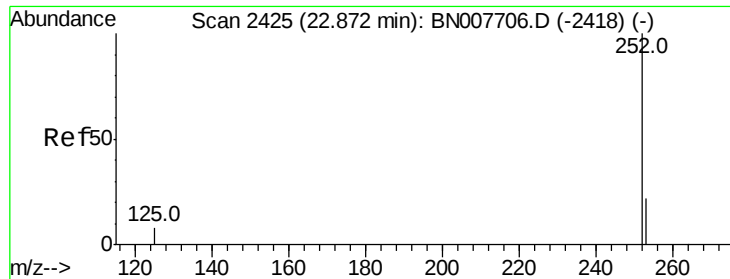


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

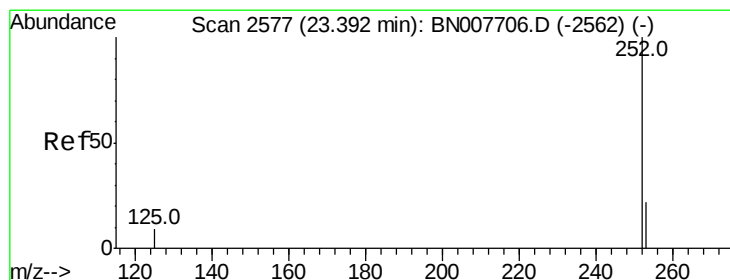
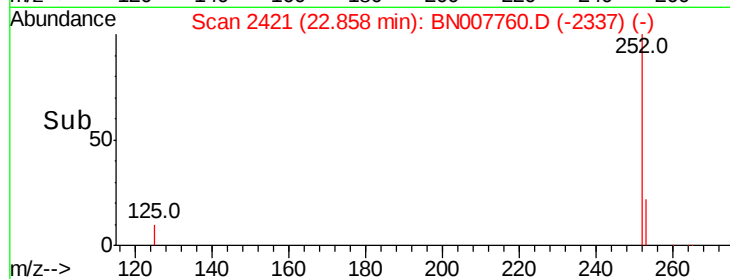
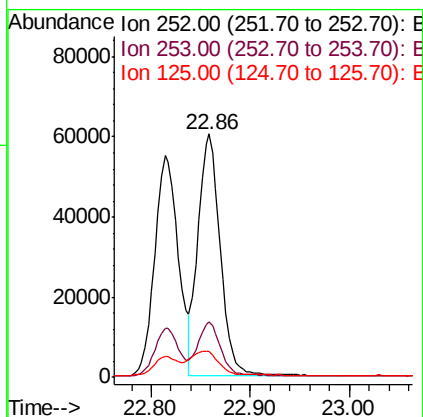
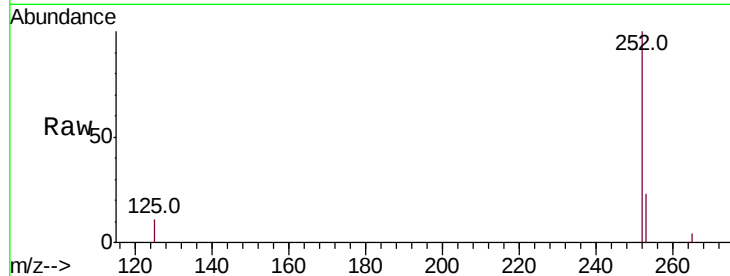




#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.86 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN007760.D
Acq: 20 Sep 2019 12:41

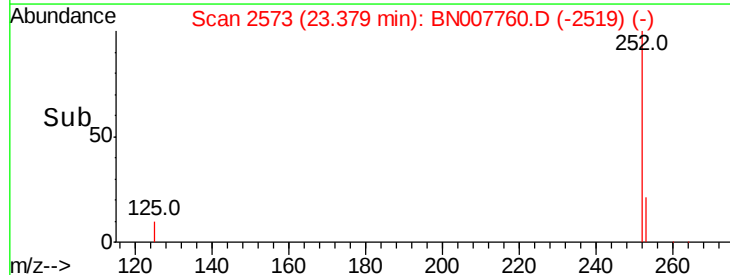
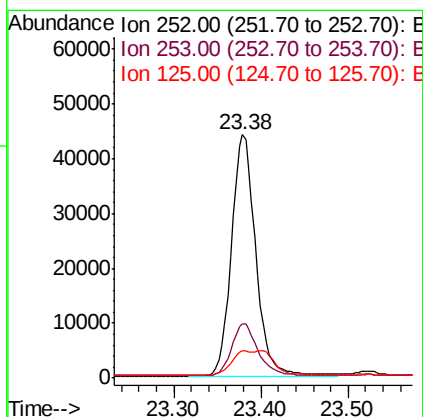
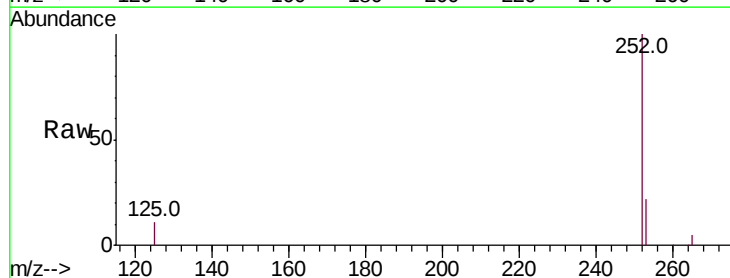
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

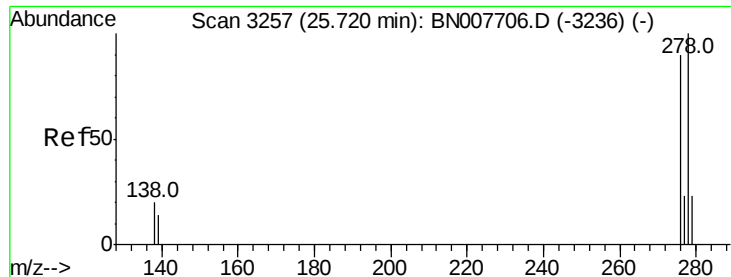
Tot Ion:252 Resp: 94714
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 10.6 8.4 12.6



#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN007760.D
Acq: 20 Sep 2019 12:41

Tgt Ion:252 Resp: 85192
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 11.0 9.4 14.0





#38

Dibenzo(a,h)anthracene

Concen: 0.383 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

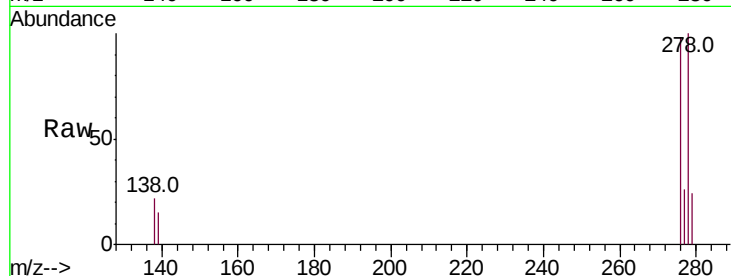
Tot Ion:278 Resp: 87378

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.6

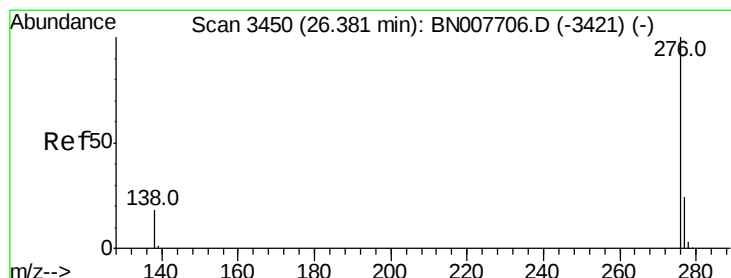
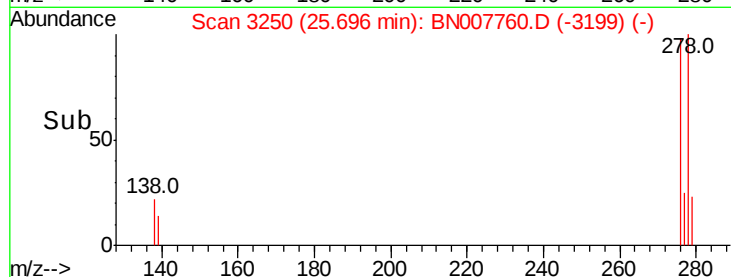
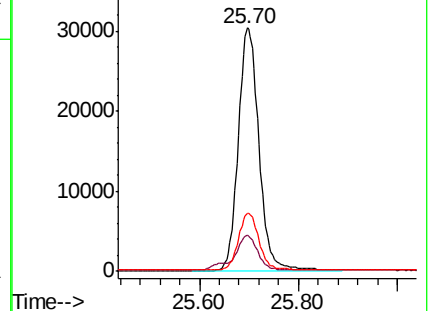
279 23.7 19.4 29.2



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(g,h,i)perylene

Concen: 0.375 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN007760.D

Acq: 20 Sep 2019 12:41

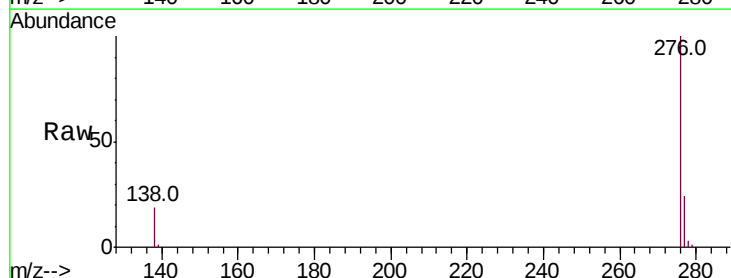
Tgt Ion:276 Resp: 84833

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 18.7 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

