

Data File : BN007895.D
Acq On : 30 Sep 2019 14:06
Operator : JU
Sample : PB123466BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123466BS

Quant Time: Oct 01 06:47:33 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	9301	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	36288	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	20743	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	39847	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	29104	0.40	ng	-0.02
34) Perylene-d12	23.47	264	31408	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	8351	0.26	ng	0.00
5) Phenol-d6	6.87	99	10680	0.27	ng	0.00
8) Nitrobenzene-d5	8.83	82	9221	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	19989	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2034	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	26353	0.31	ng	-0.01
25) Fluoranthene-d10	19.09	212	32898	0.24	ng	-0.01
29) Terphenyl-d14	19.70	244	27397	0.38	ng	-0.01

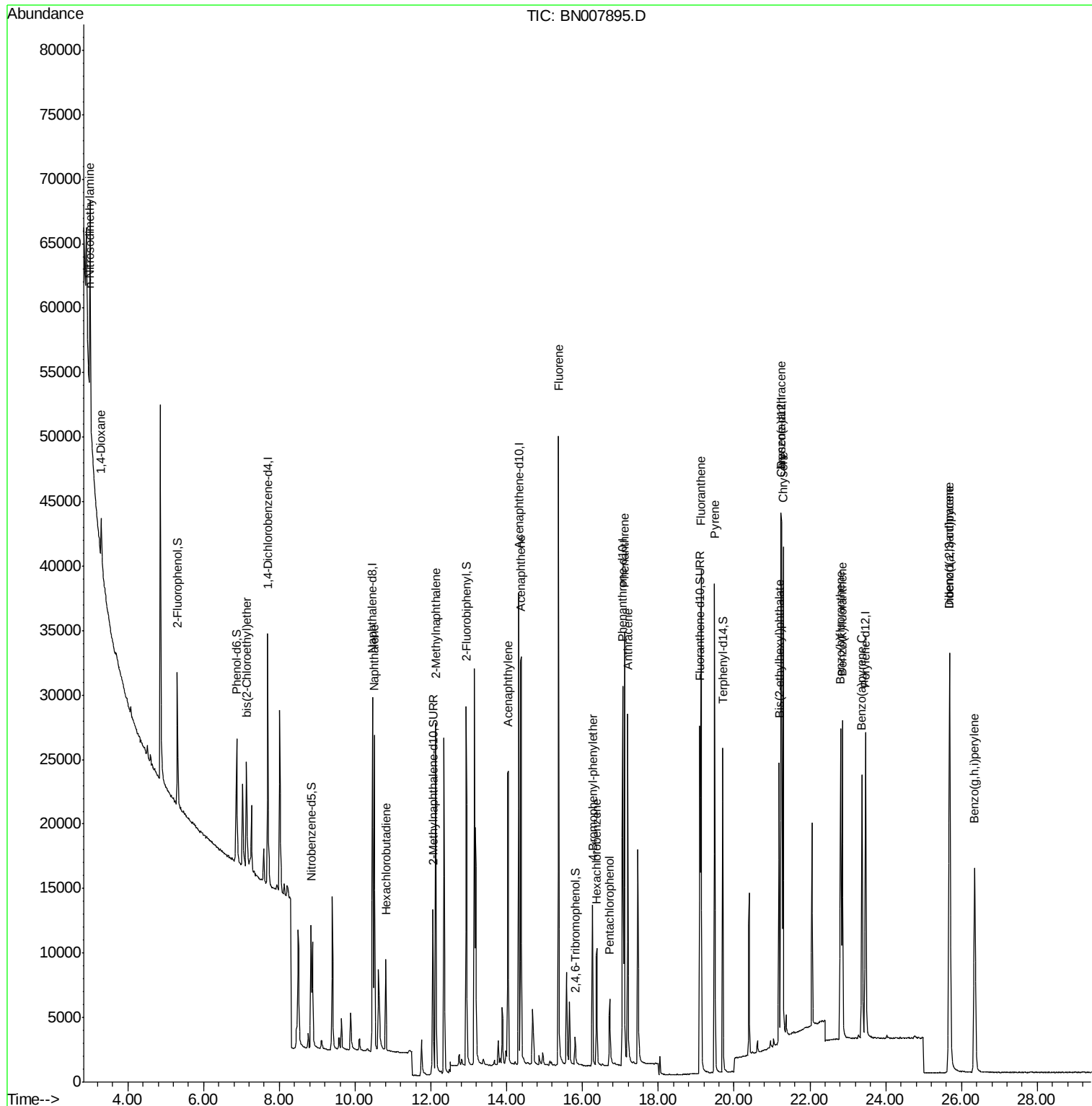
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2583	0.249	ng	# 71
3) n-Nitrosodimethylamine	3.01	42	2042	0.430	ng	88
6) bis(2-Chloroethyl)ether	7.13	93	9057	0.344	ng	90
9) Naphthalene	10.51	128	30874	0.303	ng	100
10) Hexachlorobutadiene	10.81	225	6109	0.285	ng	# 100
12) 2-Methylnaphthalene	12.13	142	20390	0.296	ng	100
16) Acenaphthylene	14.03	152	29902	0.272	ng	100
17) Acenaphthene	14.38	154	18928	0.267	ng	98
18) Fluorene	15.36	166	23526	0.259	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	7431	0.307	ng	99
21) Hexachlorobenzene	16.38	284	8218	0.311	ng	99
22) Pentachlorophenol	16.72	266	3495	0.358	ng	98
23) Phenanthrene	17.10	178	36063	0.291	ng	100
24) Anthracene	17.19	178	31931	0.285	ng	100
26) Fluoranthene	19.12	202	36187	0.234	ng	100
28) Pyrene	19.49	202	35541	0.358	ng	99
30) Benzo(a)anthracene	21.24	228	28537	0.266	ng	99
31) Chrysene	21.29	228	31646	0.303	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	12409	0.225	ng	98
33) Indeno(1,2,3-cd)pyrene	25.68	276	39143	0.299	ng	99
35) Benzo(b)fluoranthene	22.81	252	31106	0.285	ng	98
36) Benzo(k)fluoranthene	22.85	252	31093	0.288	ng	99
37) Benzo(a)pyrene	23.37	252	29995	0.293	ng	99
38) Dibenzo(a,h)anthracene	25.69	278	32114	0.306	ng	98
39) Benzo(g,h,i)perylene	26.35	276	33785	0.326	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

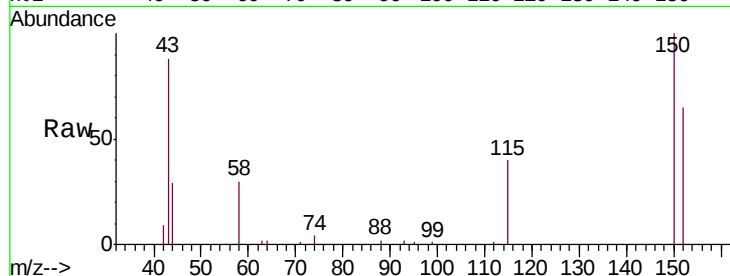
Tgt Ion:152 Resp: 9301

Ion Ratio Lower Upper

152 100

150 154.1 125.6 188.4

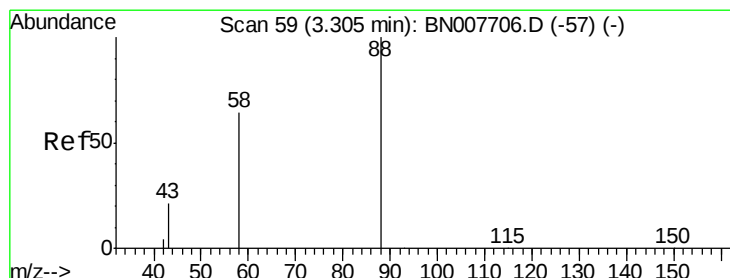
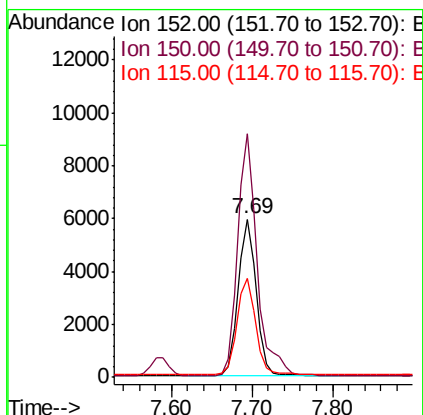
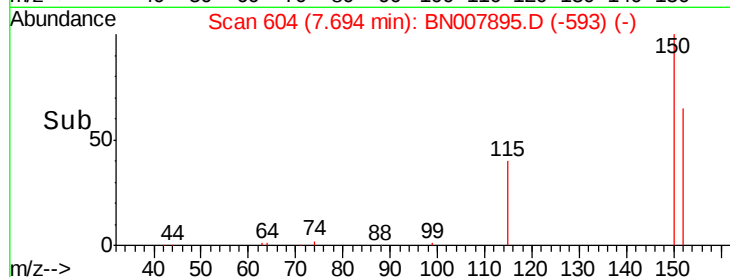
115 62.3 53.3 79.9



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: 0.249 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

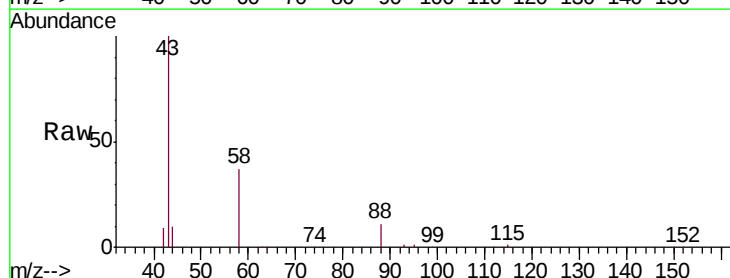
Tgt Ion: 88 Resp: 2583

Ion Ratio Lower Upper

88 100

58 73.7 44.6 66.8#

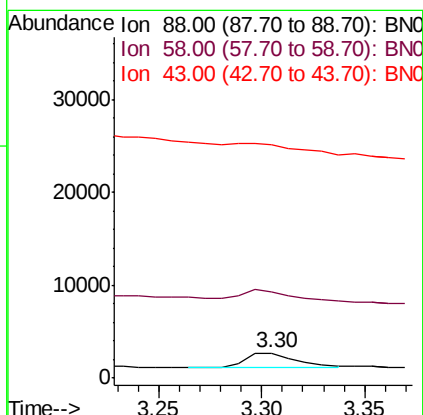
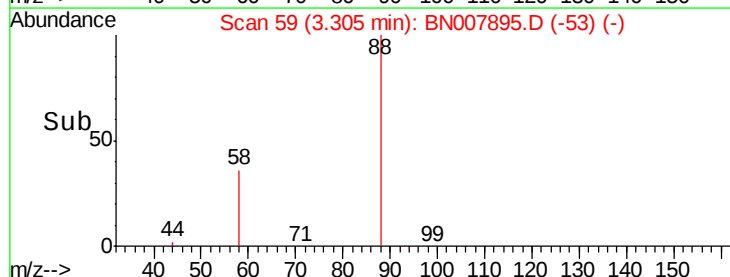
43 0.0 14.4 21.6#

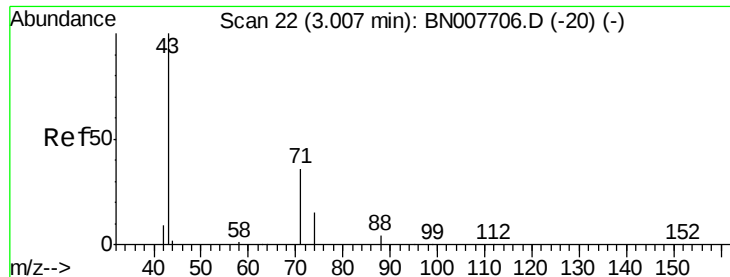


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.430 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007895.D

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Instrument :

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PB123466BS

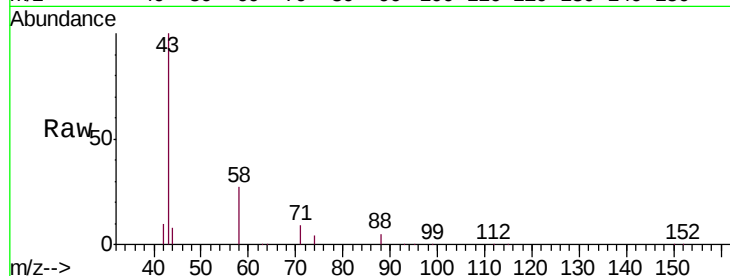
Tgt Ion: 42 Resp: 2042

Ion Ratio Lower Upper

42 100

74 95.1 87.9 131.9

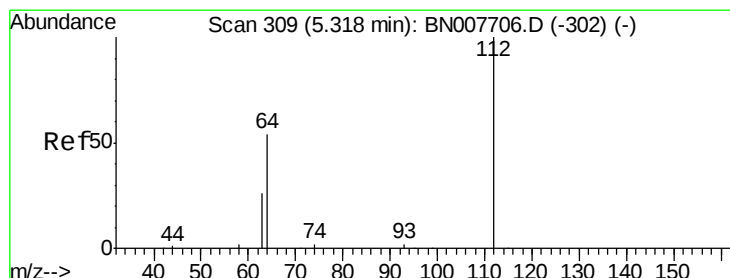
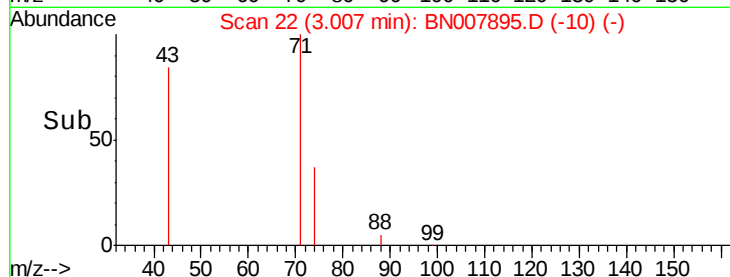
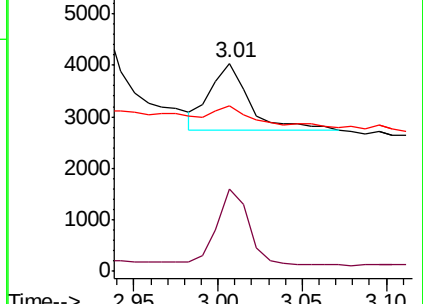
44 33.8 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.261 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

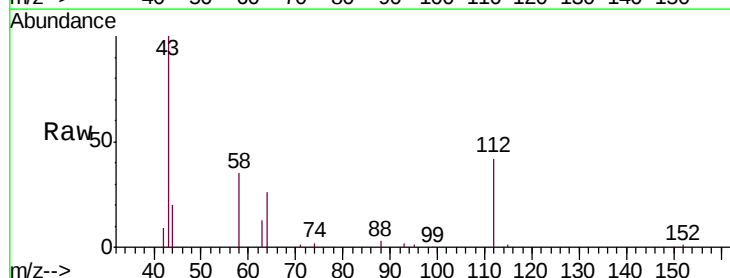
Tgt Ion: 112 Resp: 8351

Ion Ratio Lower Upper

112 100

64 58.4 46.6 70.0

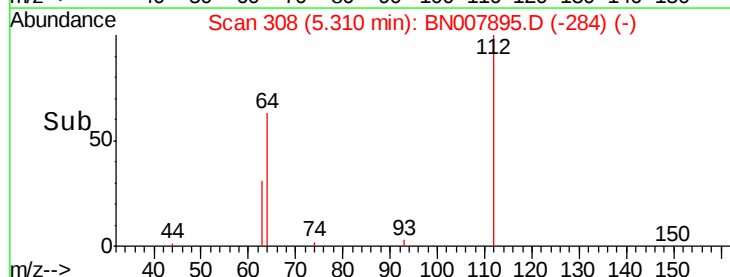
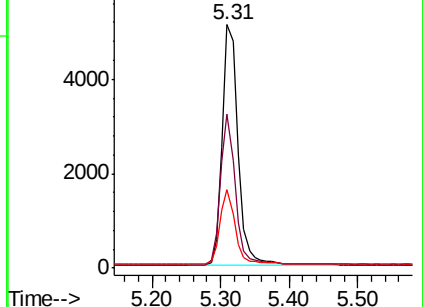
63 29.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.266 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

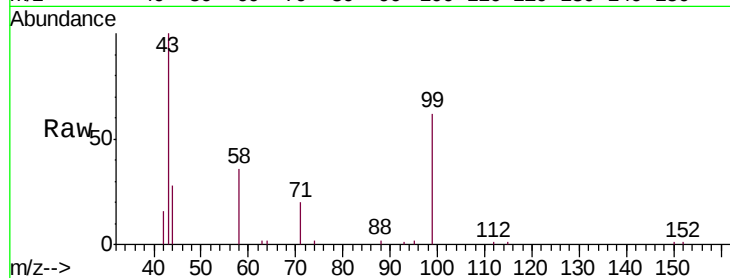
Tgt Ion: 99 Resp: 10680

Ion Ratio Lower Upper

99 100

42 13.7 12.8 19.2

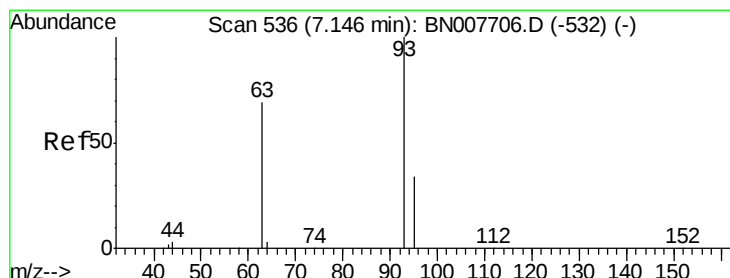
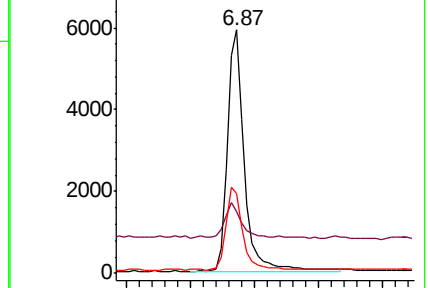
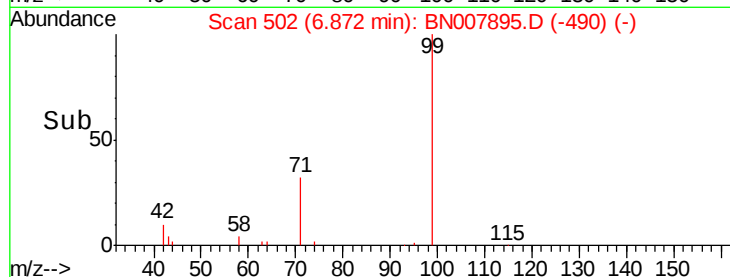
71 34.2 27.6 41.4



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: 0.344 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

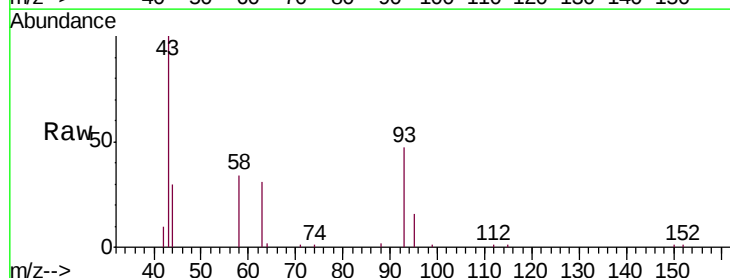
Tgt Ion: 93 Resp: 9057

Ion Ratio Lower Upper

93 100

63 65.6 59.3 88.9

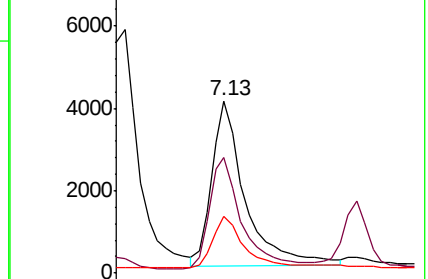
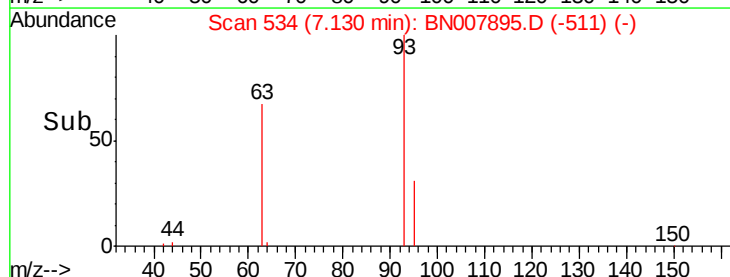
95 33.2 31.4 47.0



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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

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Tgt Ion:136 Resp: 36288

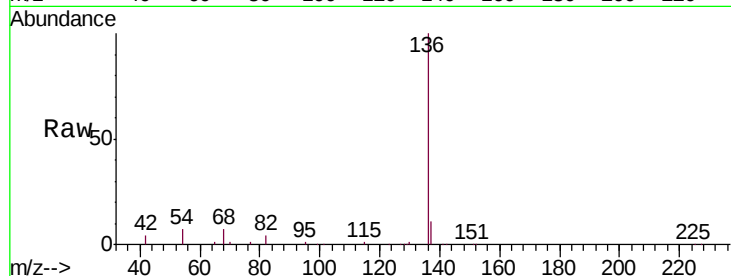
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 5.8 8.8

68 7.3 6.5 9.7

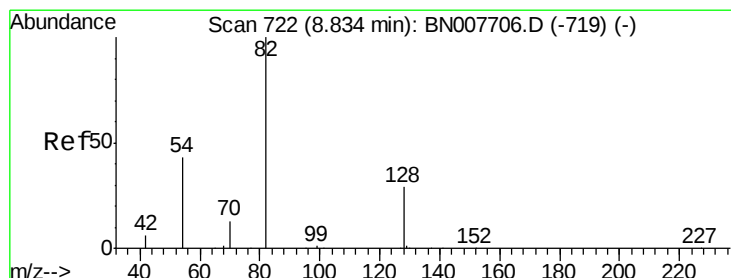
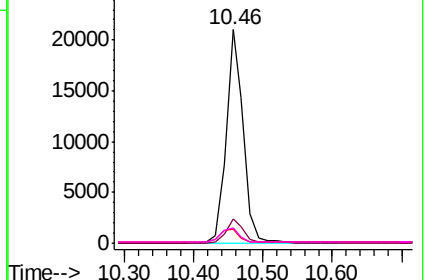
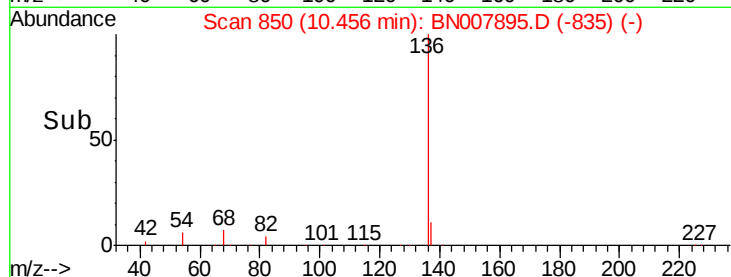


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.291 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

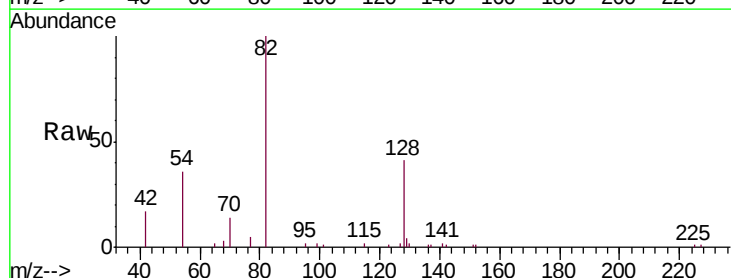
Tgt Ion: 82 Resp: 9221

Ion Ratio Lower Upper

82 100

128 40.5 24.5 36.7#

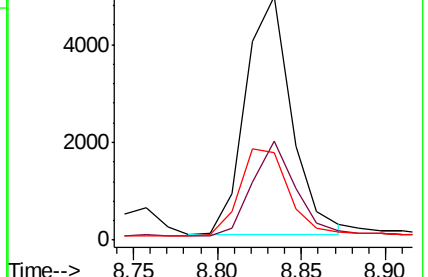
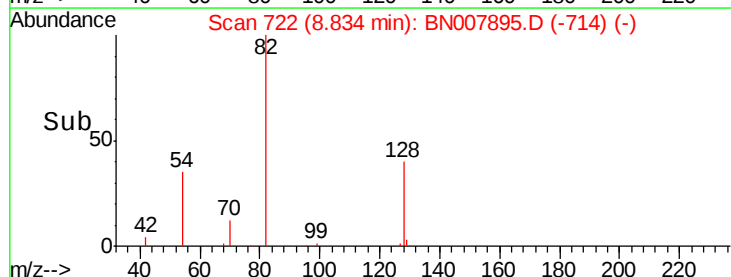
54 35.8 35.2 52.8

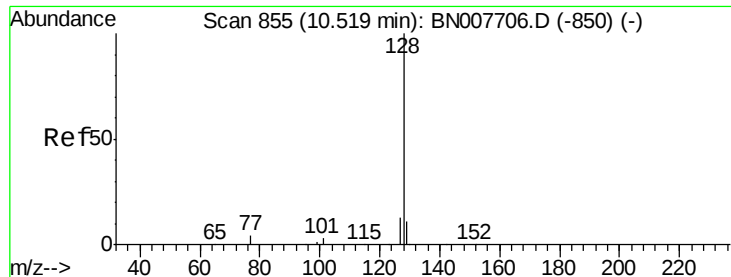


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.303 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

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ClientSampleId :

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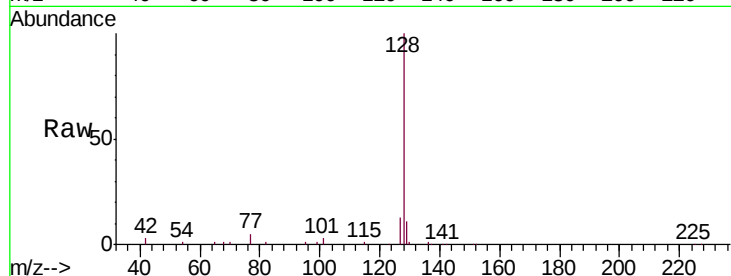
Tgt Ion:128 Resp: 30874

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

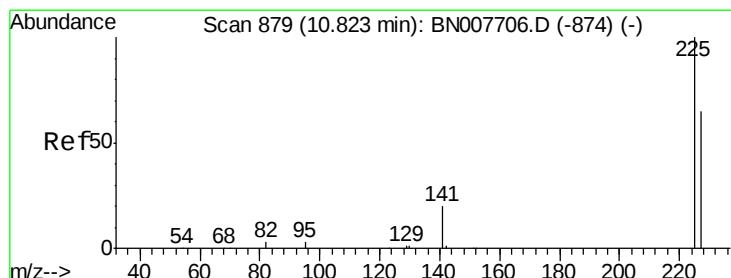
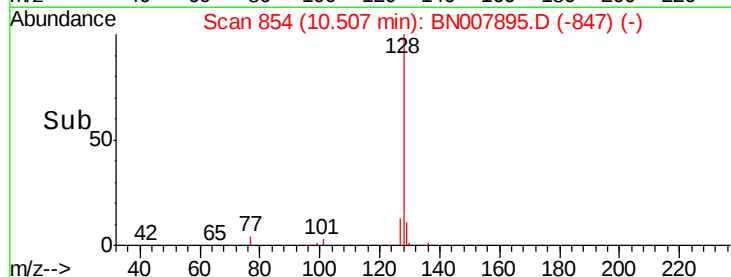
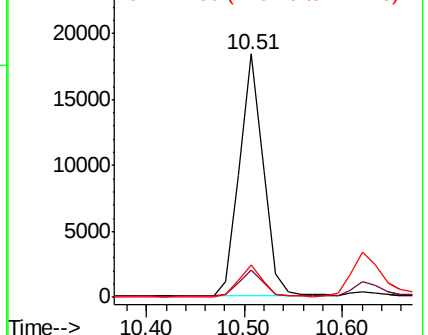
127 13.2 10.6 15.8



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: 0.285 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

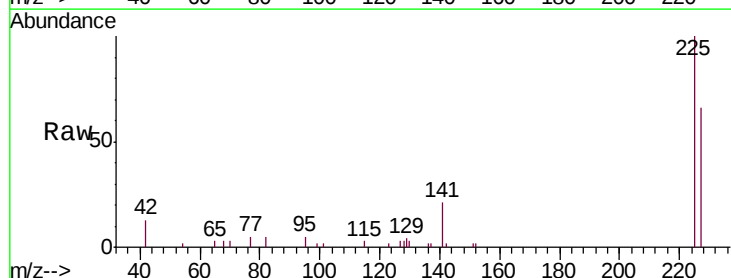
Tgt Ion:225 Resp: 6109

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

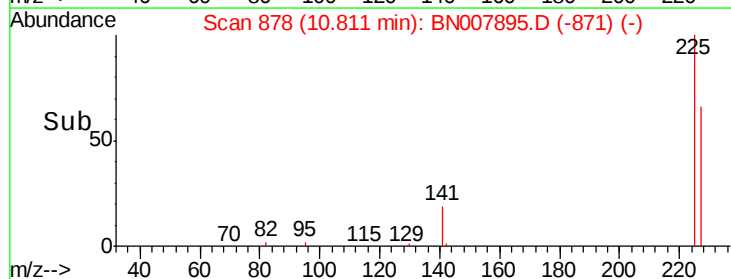
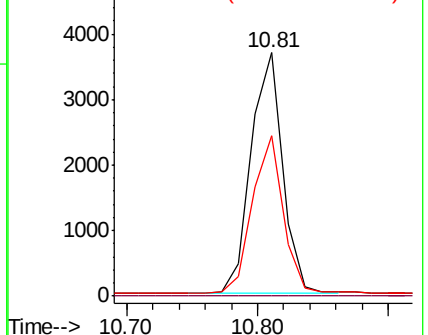
227 63.6 51.2 76.8

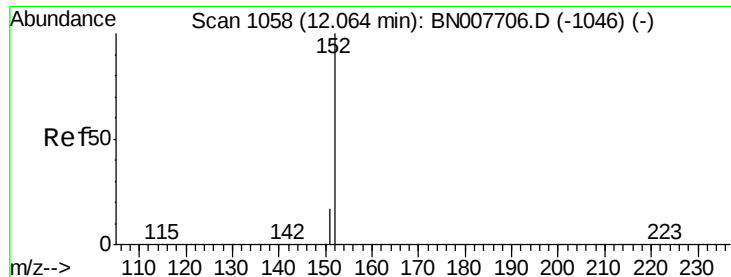


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

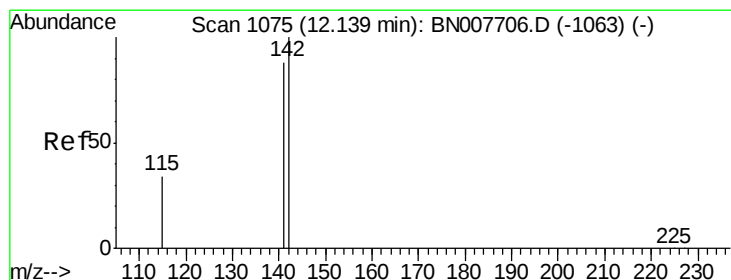
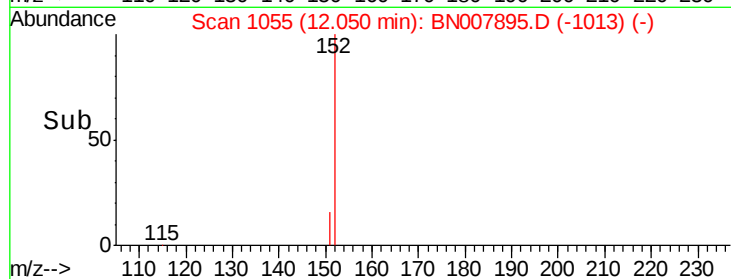
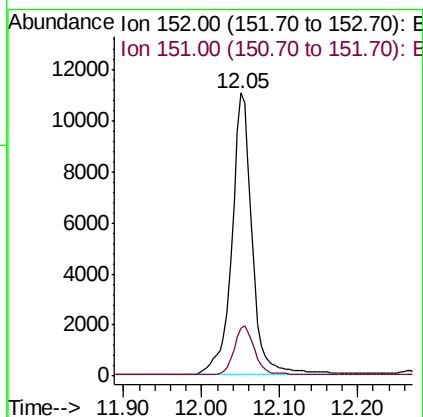
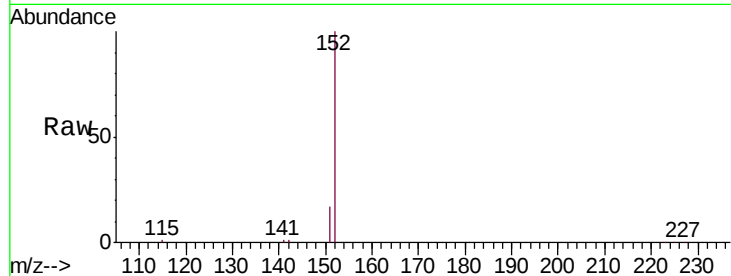




#11
 2-Methylnaphthalene-d10
 Concen: 0.327 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007895.D
 Acq: 30 Sep 2019 14:06

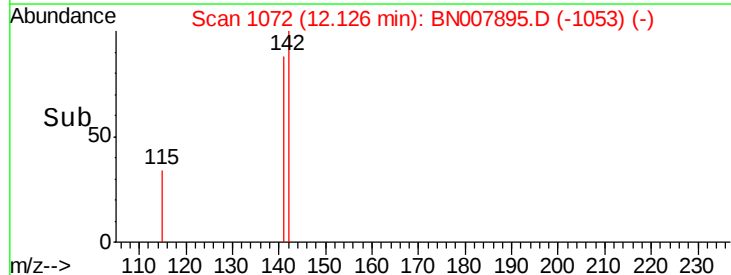
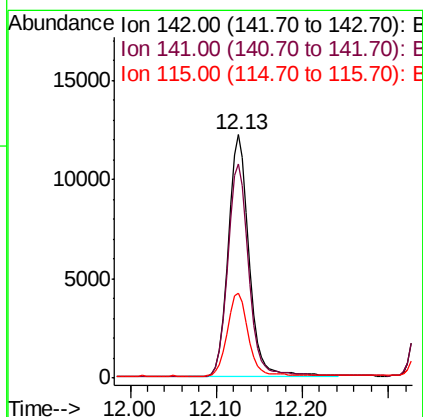
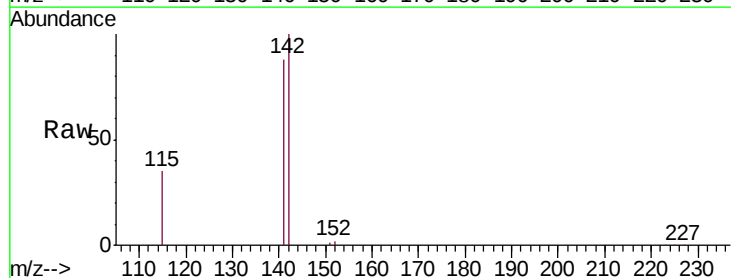
Instrument :
 BNA_N
 ClientSampleId :
 PB123466BS

Tgt Ion:152 Resp: 19989
 Ion Ratio Lower Upper
 152 100
 151 17.7 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.296 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007895.D
 Acq: 30 Sep 2019 14:06

Tgt Ion:142 Resp: 20390
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.6 106.0
 115 35.1 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

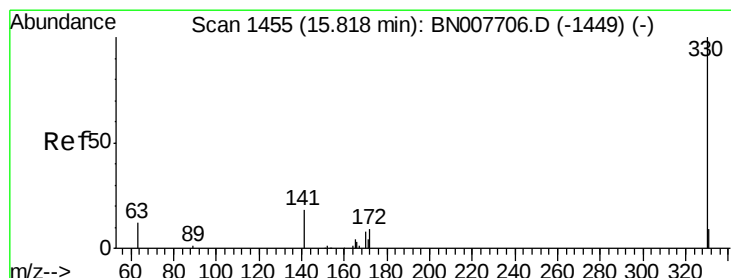
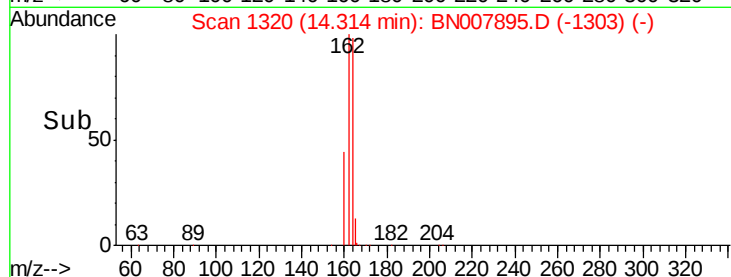
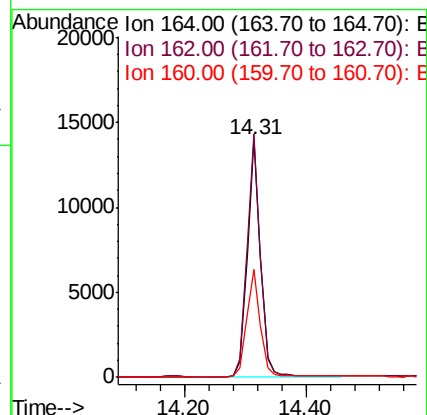
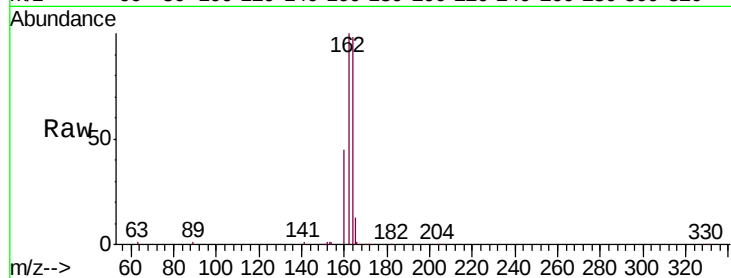
Tgt Ion:164 Resp: 20743

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

160 45.6 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.180 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

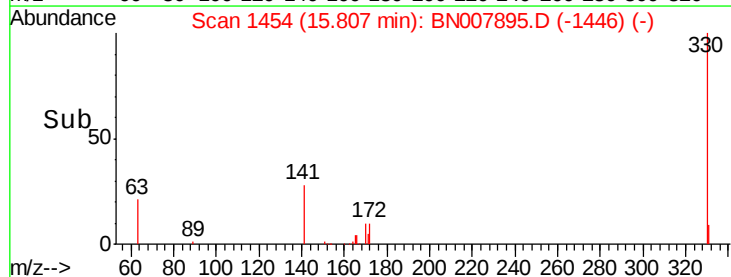
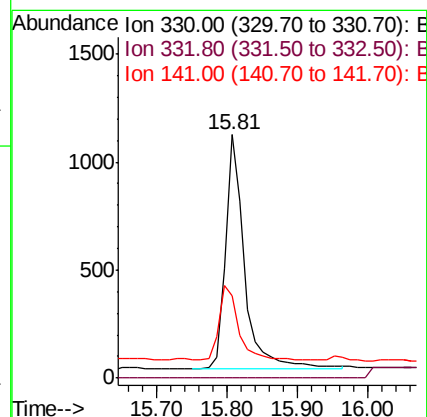
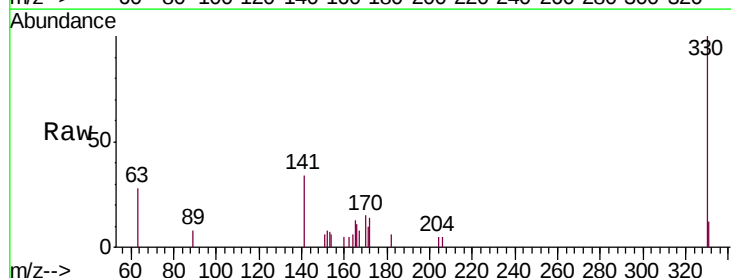
Tgt Ion:330 Resp: 2034

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 32.5 28.7 43.1

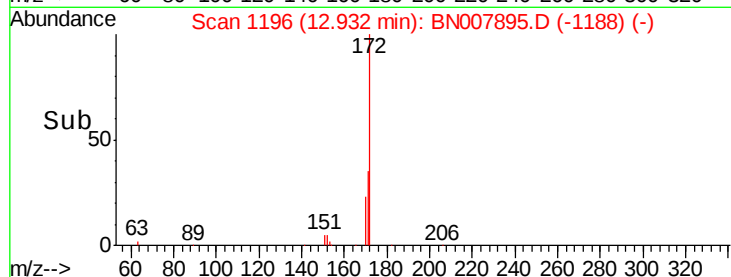
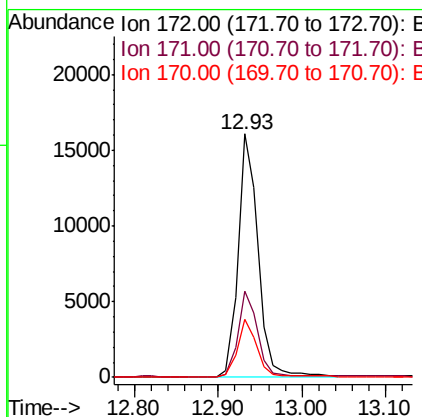
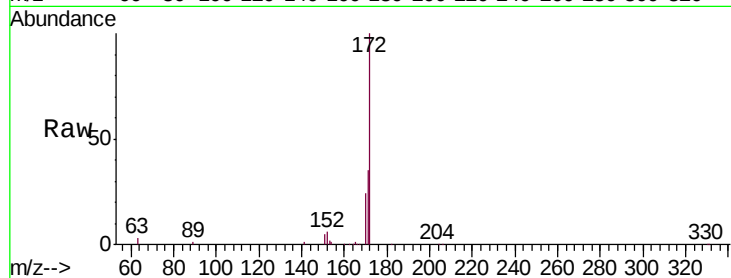




#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

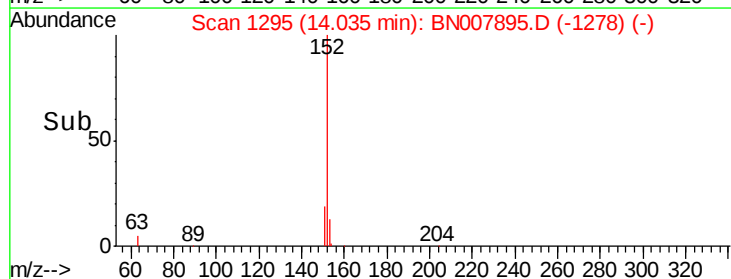
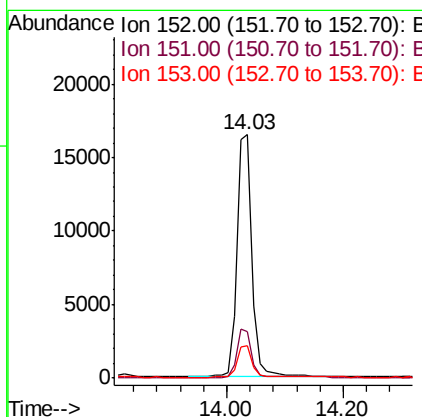
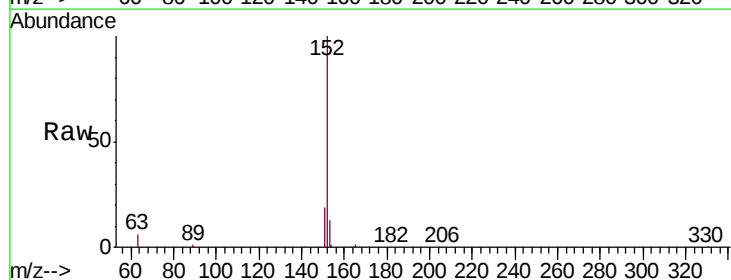
Instrument :
BNA_N
ClientSampleId :
PB123466BS

Tgt Ion:172 Resp: 26353
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.272 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

Tgt Ion:152 Resp: 29902
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 12.9 10.4 15.6

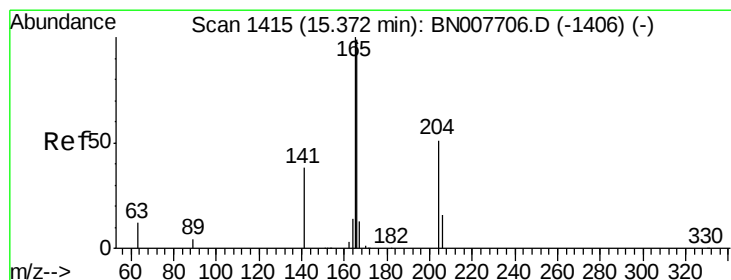
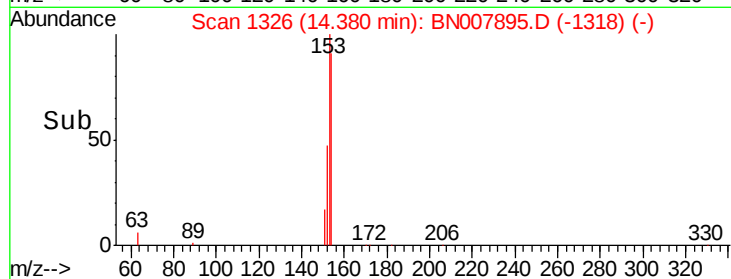
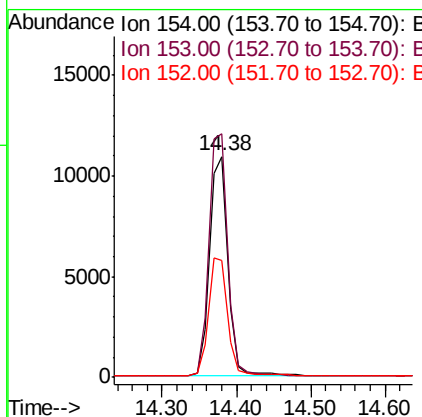
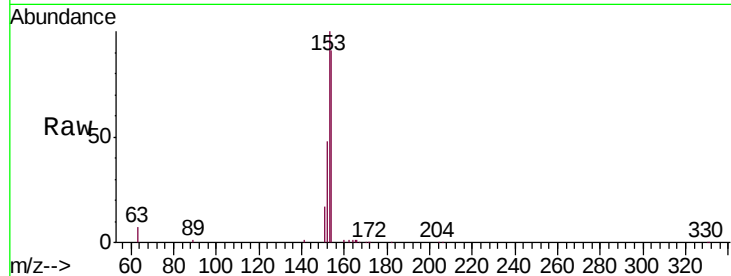




#17
Acenaphthene
Concen: 0.267 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

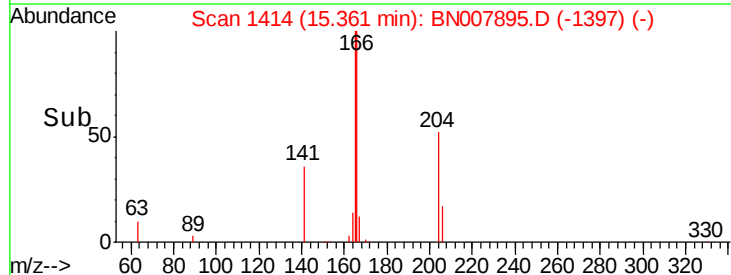
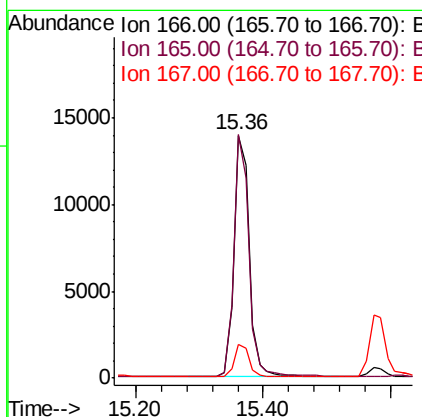
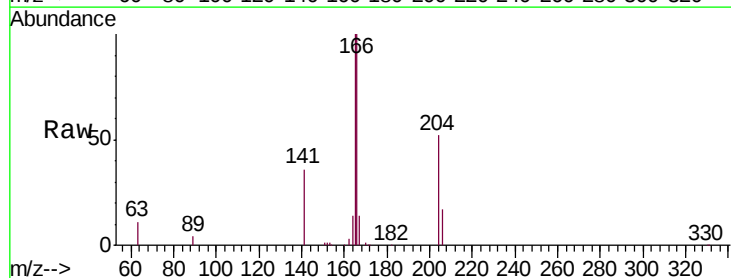
Instrument :
BNA_N
ClientSampleId :
PB123466BS

Tgt Ion:154 Resp: 18928
Ion Ratio Lower Upper
154 100
153 111.6 87.0 130.4
152 54.6 42.7 64.1



#18
Fluorene
Concen: 0.259 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

Tgt Ion:166 Resp: 23526
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.3 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

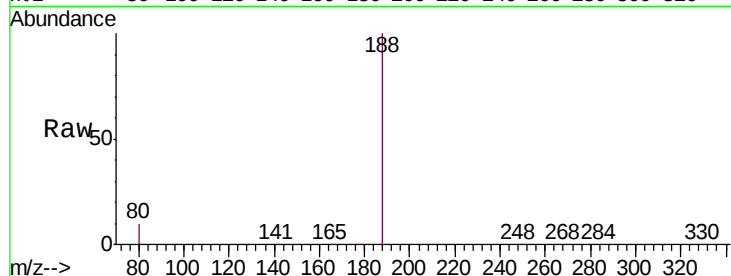
Tgt Ion:188 Resp: 39847

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

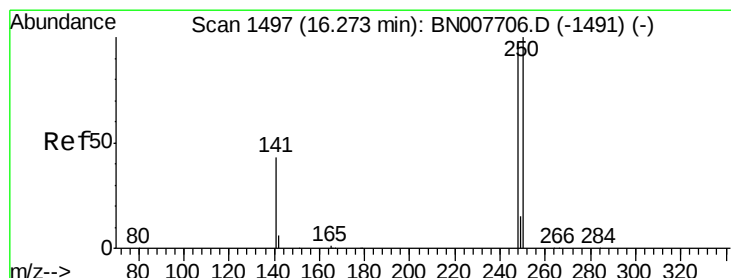
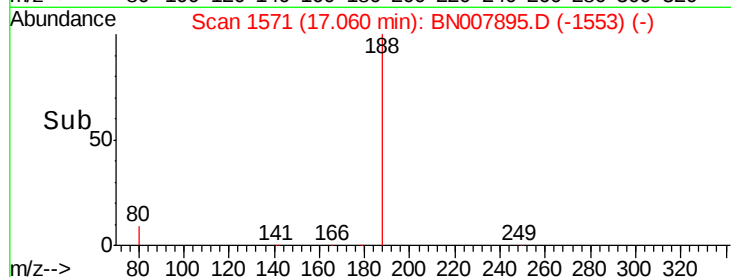
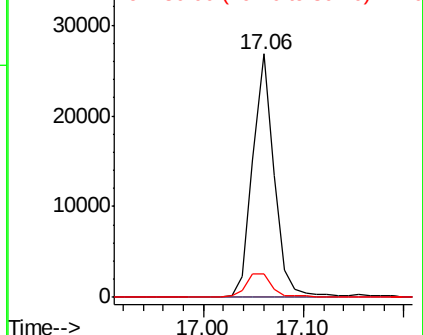
80 9.5 7.4 11.2



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: 0.307 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

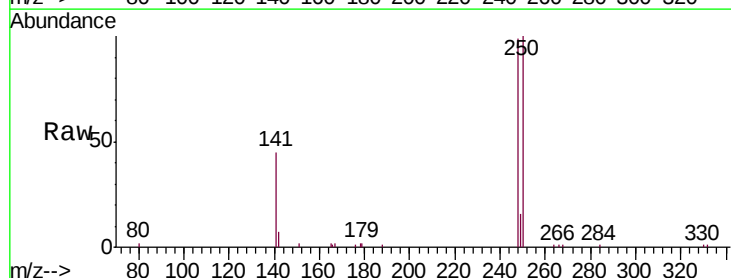
Tgt Ion:248 Resp: 7431

Ion Ratio Lower Upper

248 100

250 100.9 82.2 123.4

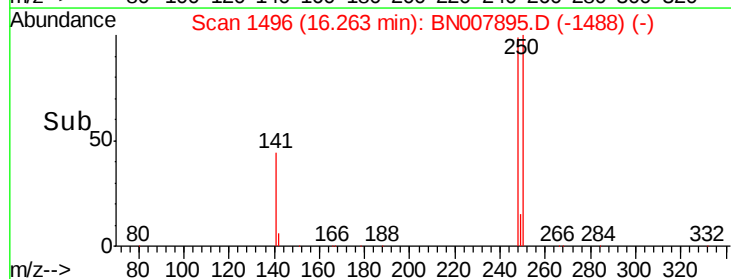
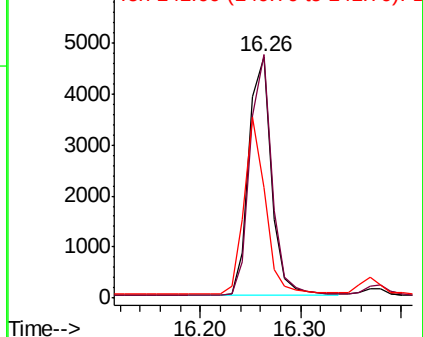
141 45.6 36.3 54.5

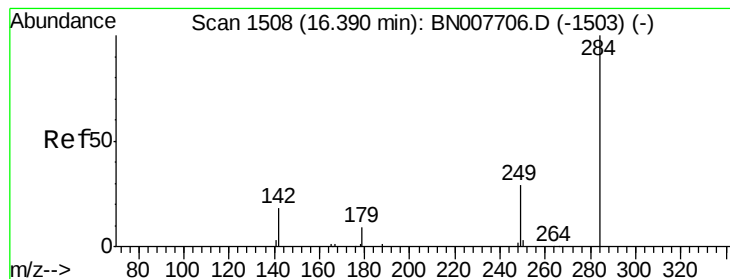


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.311 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

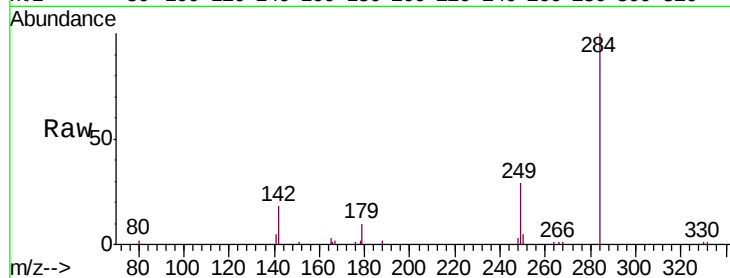
Tgt Ion:284 Resp: 8218

Ion Ratio Lower Upper

284 100

142 32.1 25.8 38.6

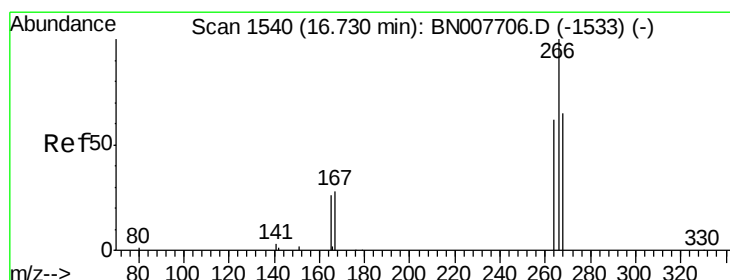
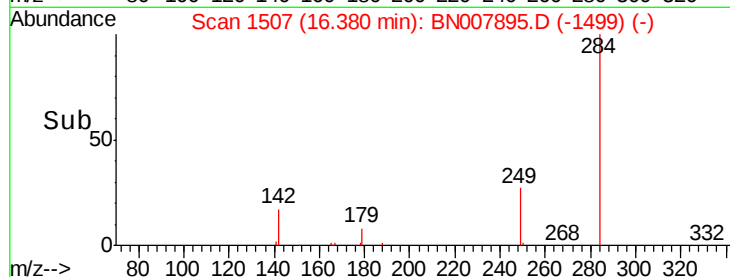
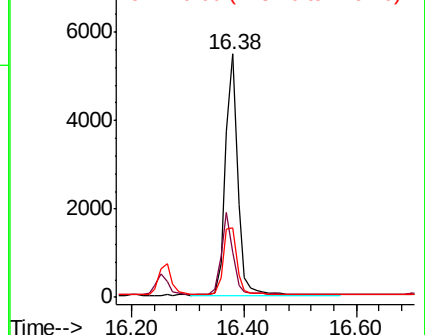
249 31.4 25.9 38.9



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: 0.358 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

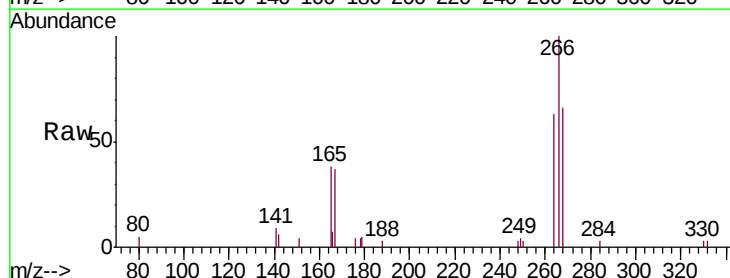
Tgt Ion:266 Resp: 3495

Ion Ratio Lower Upper

266 100

264 63.1 50.0 75.0

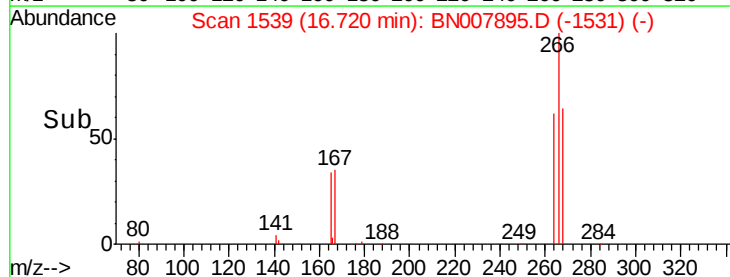
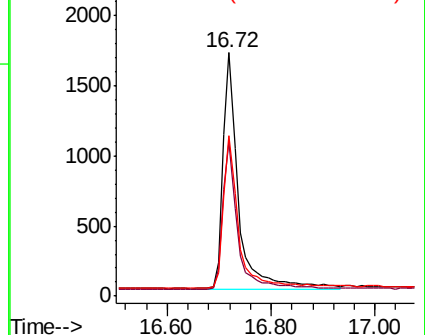
268 65.7 54.2 81.4

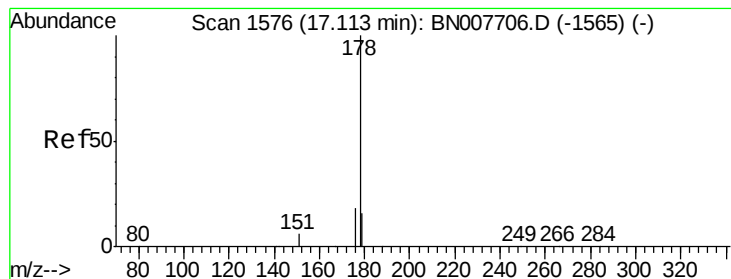


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.291 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

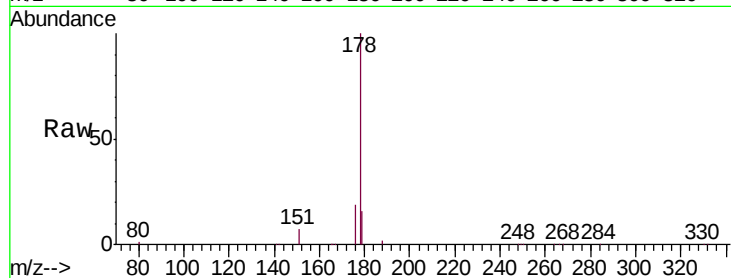
Tgt Ion:178 Resp: 36063

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

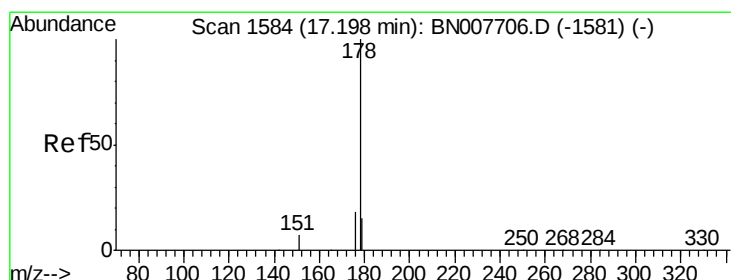
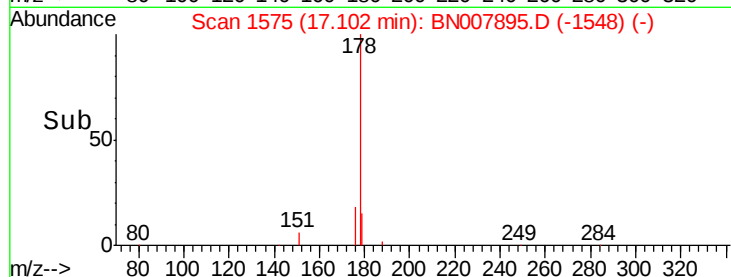
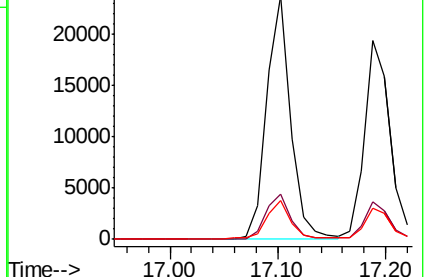
179 15.4 12.5 18.7



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: 0.285 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

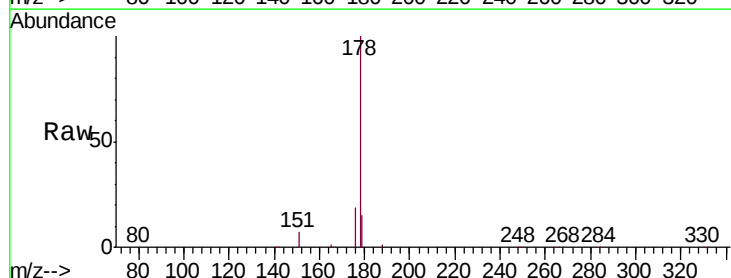
Tgt Ion:178 Resp: 31931

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

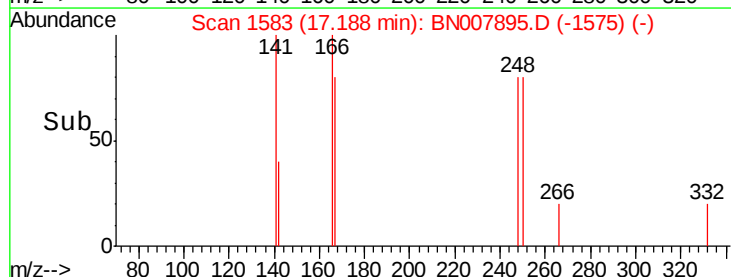
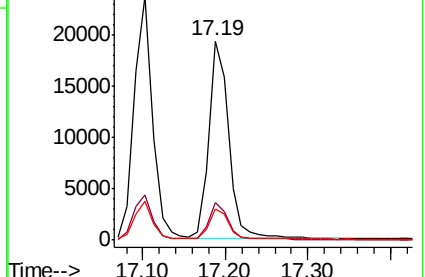
179 15.1 12.2 18.4

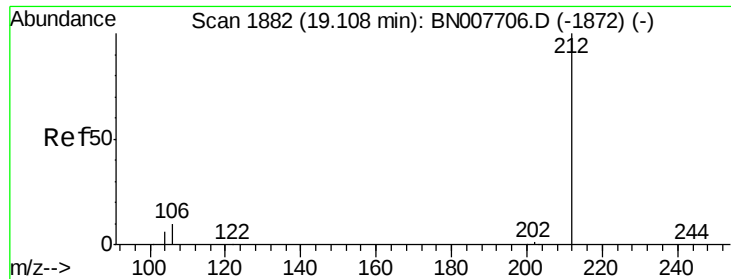


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.245 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

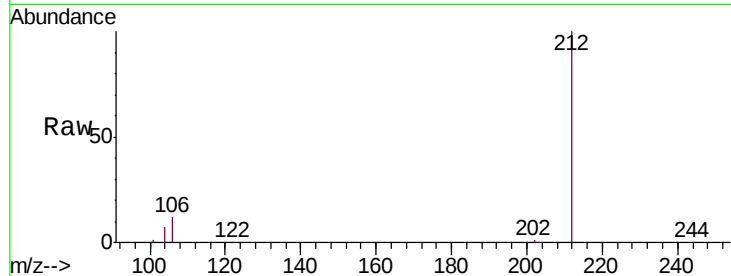
Tgt Ion:212 Resp: 32898

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

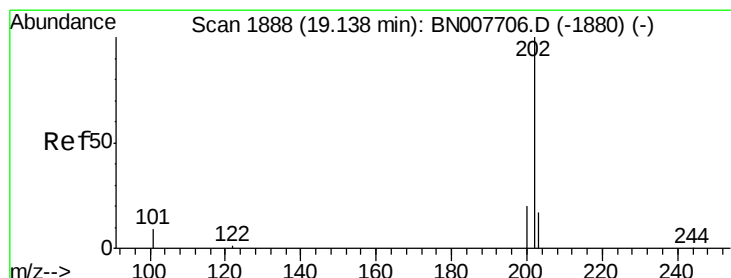
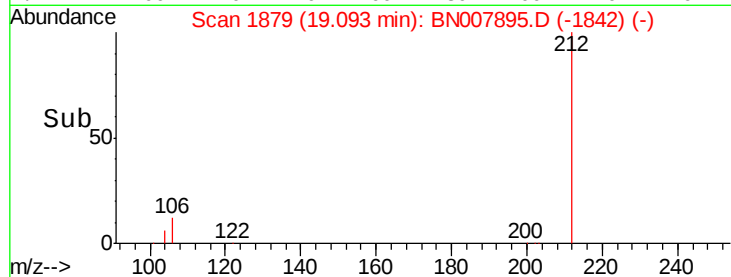
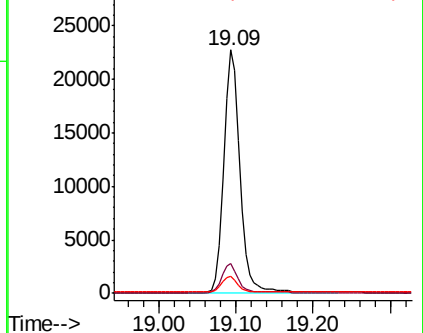
104 6.7 5.3 7.9



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: 0.234 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

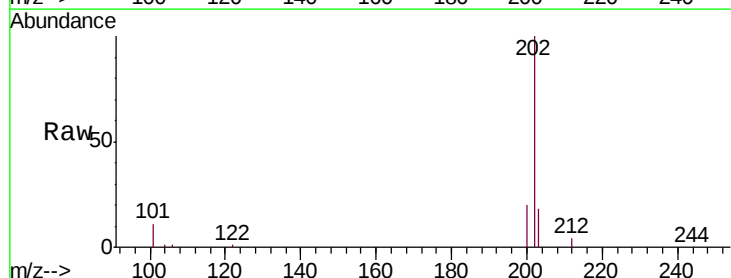
Tgt Ion:202 Resp: 36187

Ion Ratio Lower Upper

202 100

101 10.6 8.4 12.6

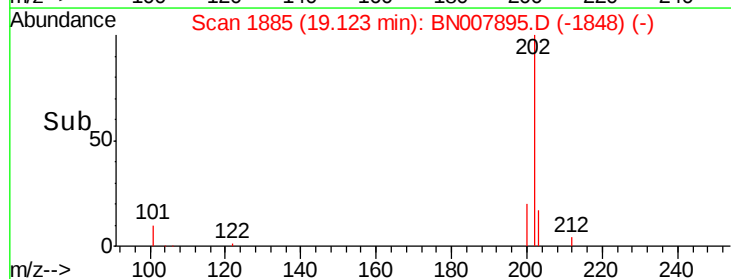
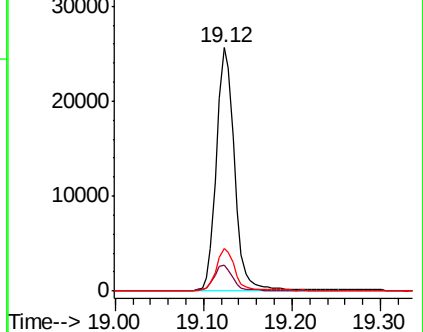
203 17.2 13.8 20.8



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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

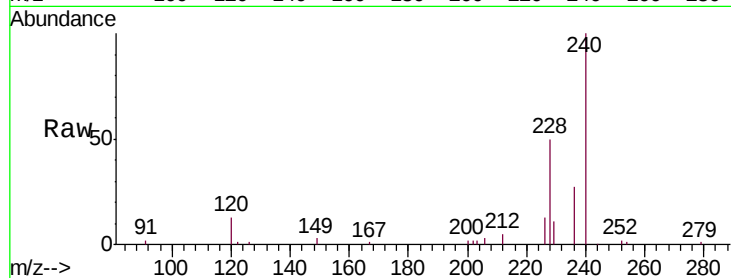
Tgt Ion:240 Resp: 29104

Ion Ratio Lower Upper

240 100

120 12.8 5.4 8.2#

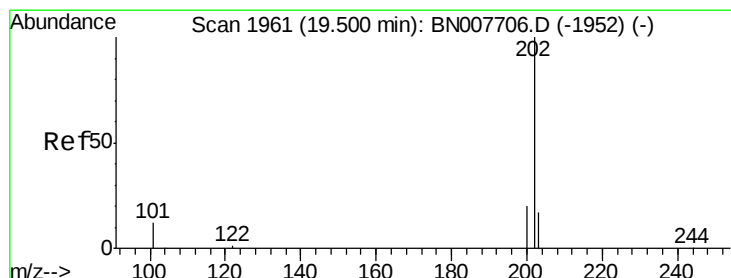
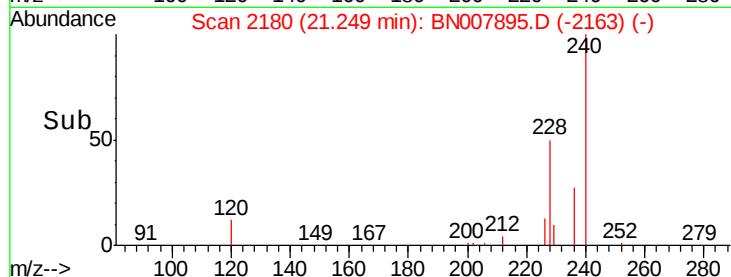
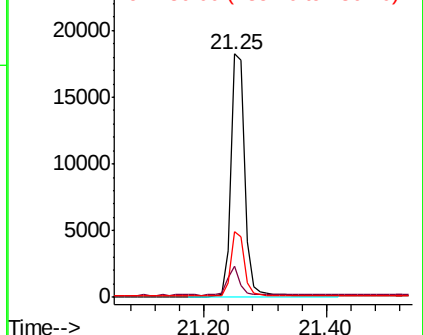
236 27.2 21.0 31.4



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

Pyrene

Concen: 0.358 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

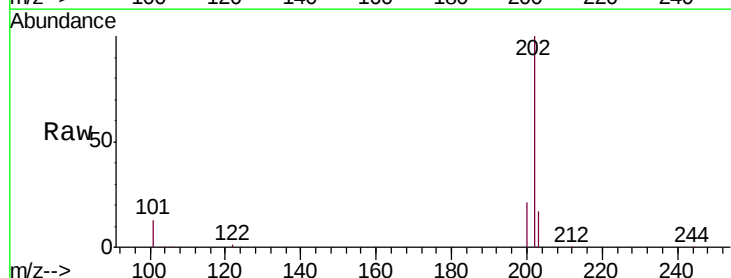
Tgt Ion:202 Resp: 35541

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

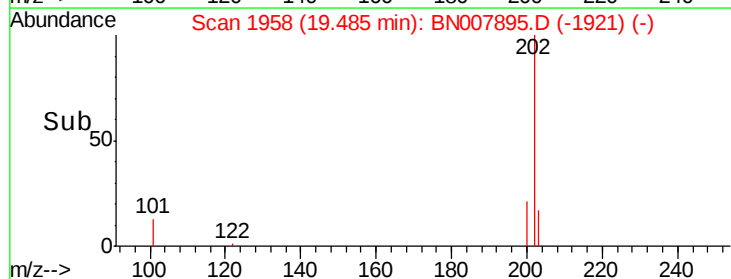
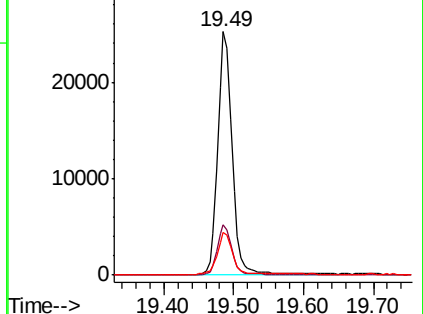
203 17.9 14.1 21.1



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: 0.383 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

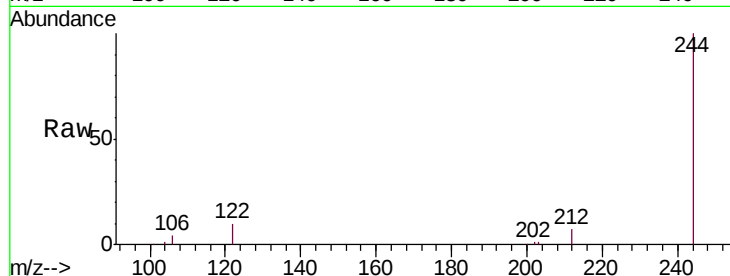
Tgt Ion:244 Resp: 27397

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

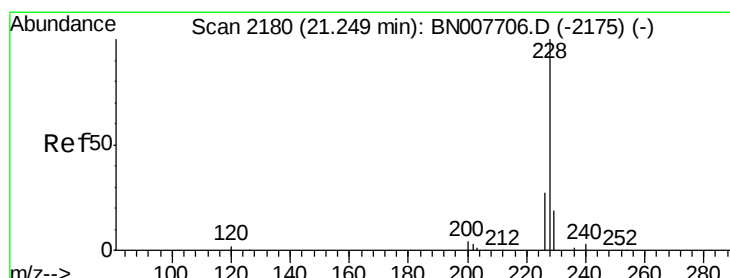
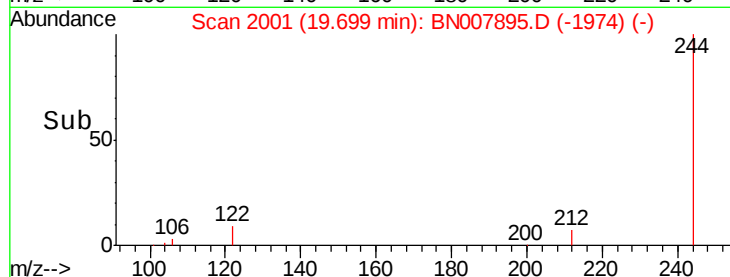
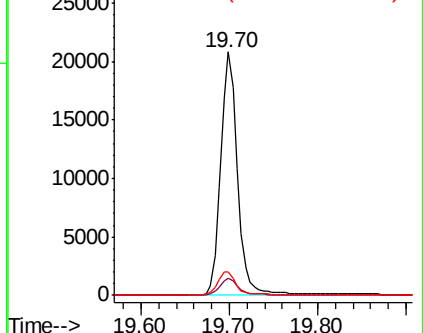
122 9.7 7.4 11.2



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: 0.266 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

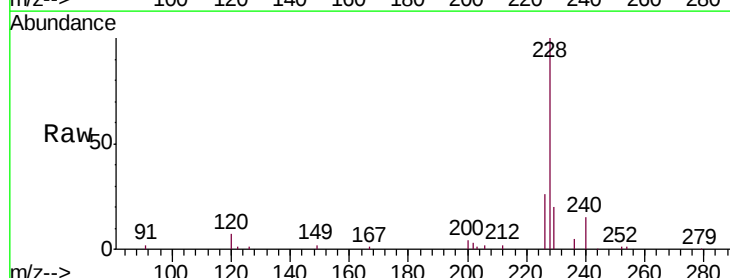
Tgt Ion:228 Resp: 28537

Ion Ratio Lower Upper

228 100

226 26.4 22.1 33.1

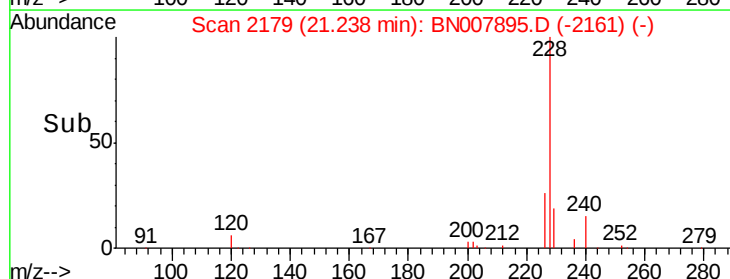
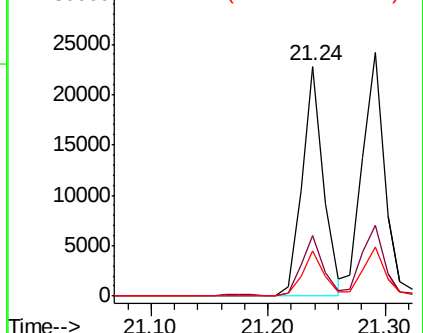
229 19.7 15.8 23.6



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: 0.303 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

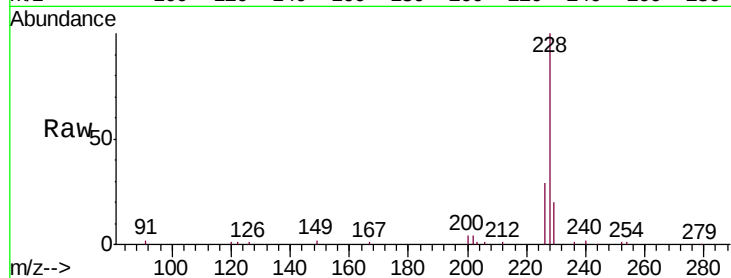
Tgt Ion:228 Resp: 31646

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

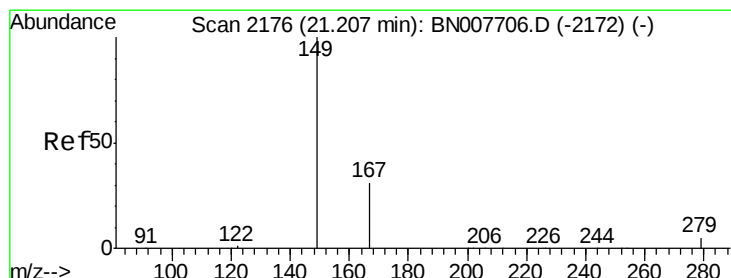
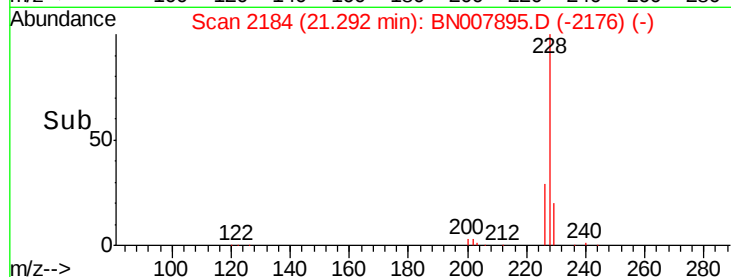
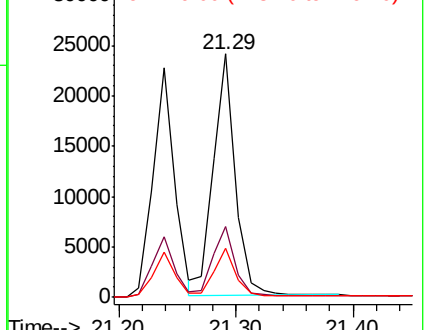
229 20.1 15.8 23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.225 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

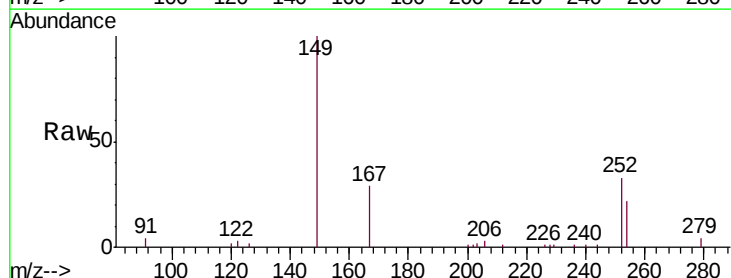
Tgt Ion:149 Resp: 12409

Ion Ratio Lower Upper

149 100

167 28.6 23.7 35.5

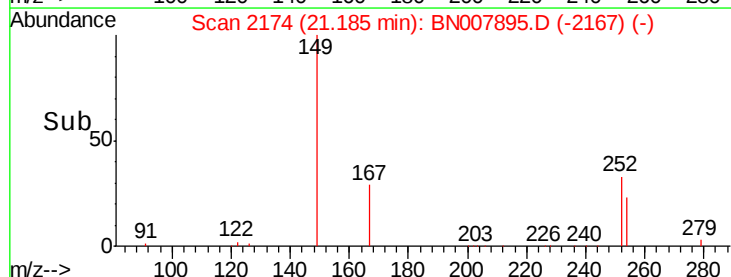
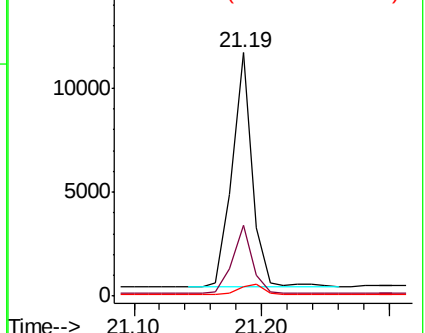
279 4.9 4.2 6.2



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: 0.299 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

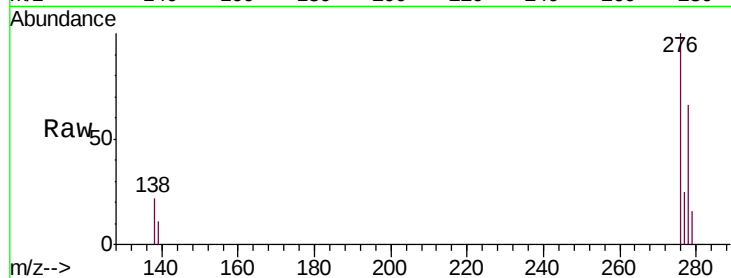
Tgt Ion:276 Resp: 39143

Ion Ratio Lower Upper

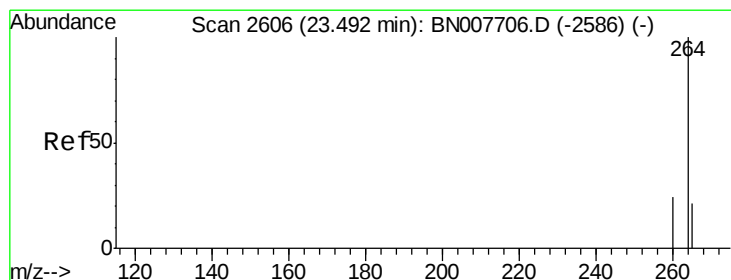
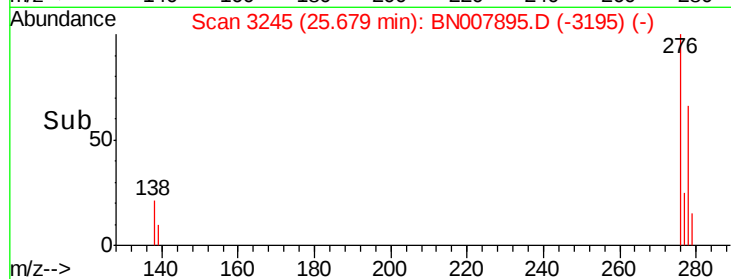
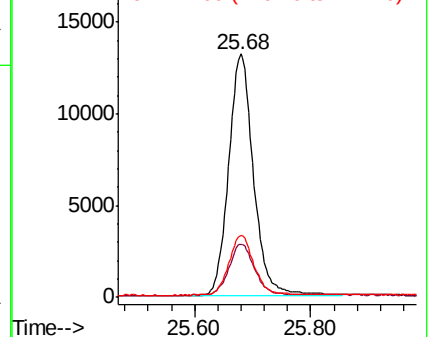
276 100

138 21.6 17.1 25.7

277 24.7 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

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

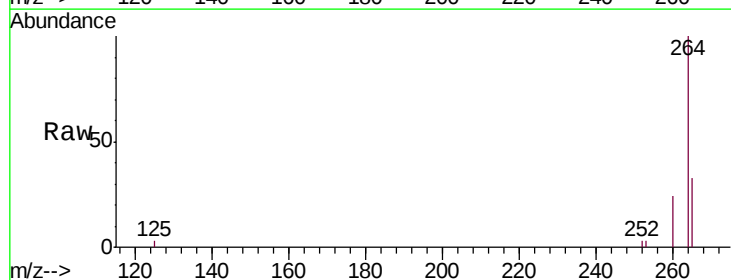
Tgt Ion:264 Resp: 31408

Ion Ratio Lower Upper

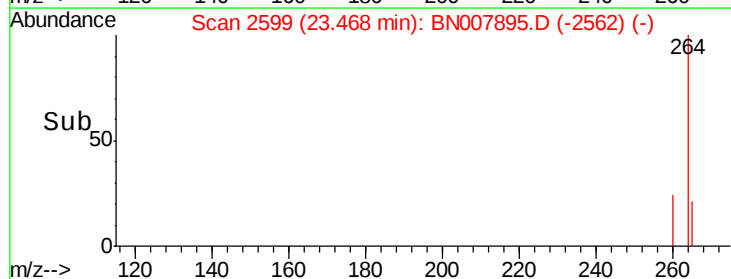
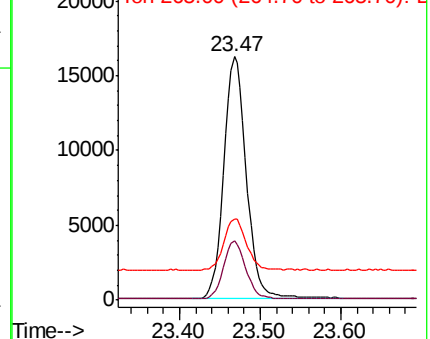
264 100

260 24.3 19.3 28.9

265 33.5 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

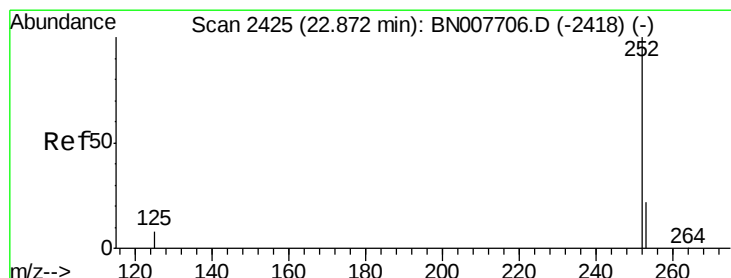
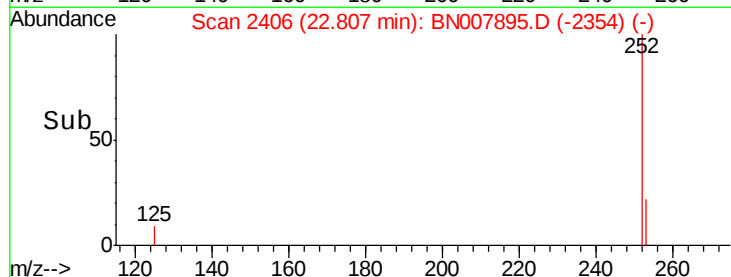
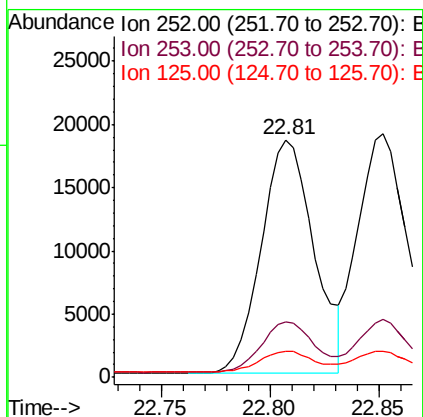
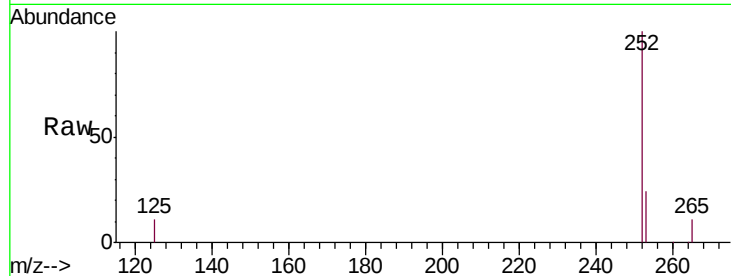




#35
Benzo(b)fluoranthene
Concen: 0.285 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

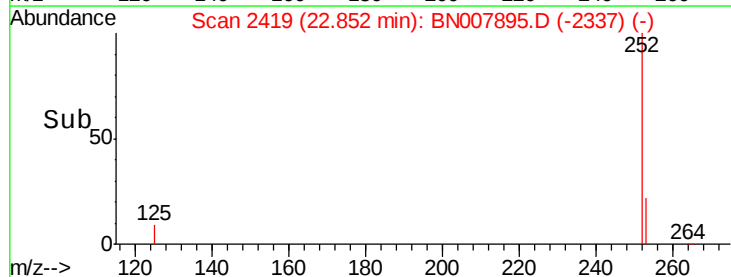
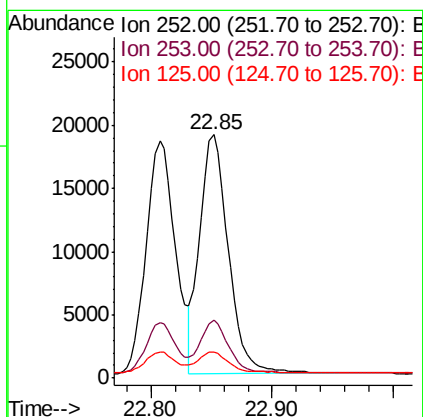
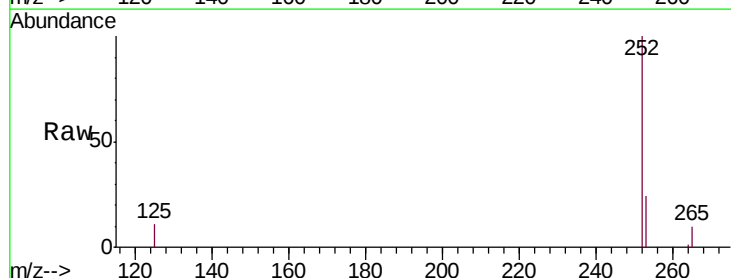
Instrument :
BNA_N
ClientSampleId :
PB123466BS

Tgt Ion:252 Resp: 31106
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 10.9 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.288 ng
RT: 22.85 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

Tgt Ion:252 Resp: 31093
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 10.8 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.293 ng

RT: 23.37 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

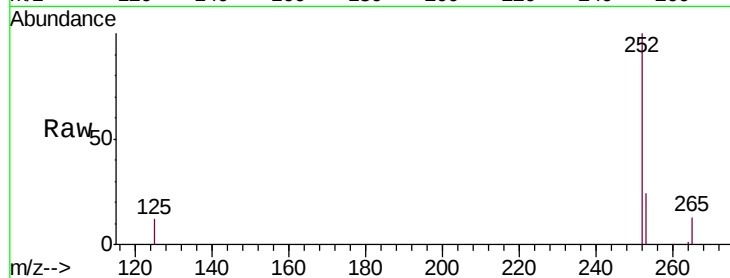
Tgt Ion:252 Resp: 29995

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

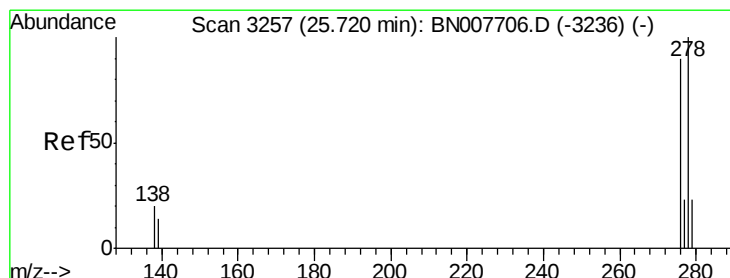
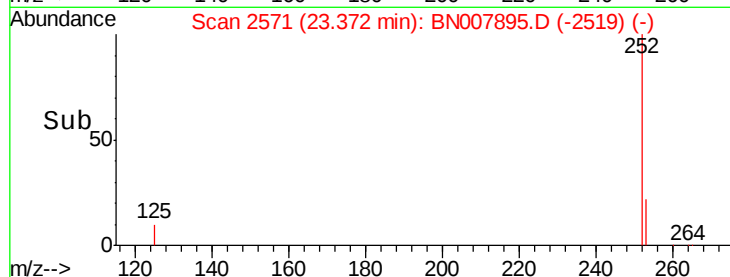
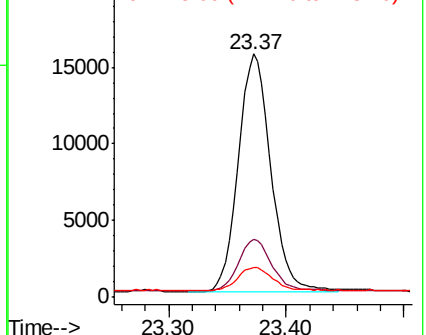
125 12.4 9.4 14.0



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: 0.306 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.03 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

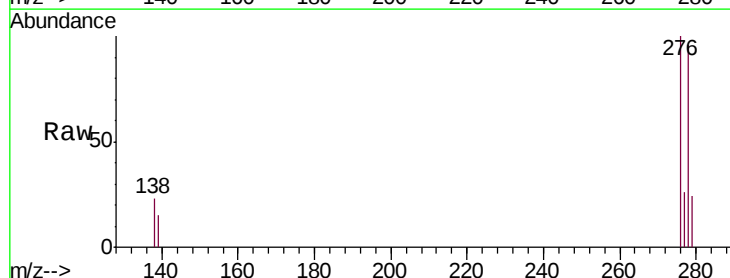
Tgt Ion:278 Resp: 32114

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

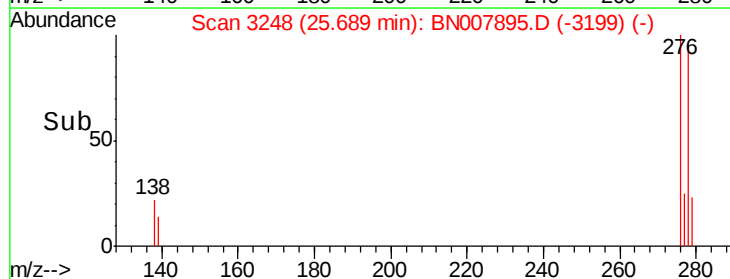
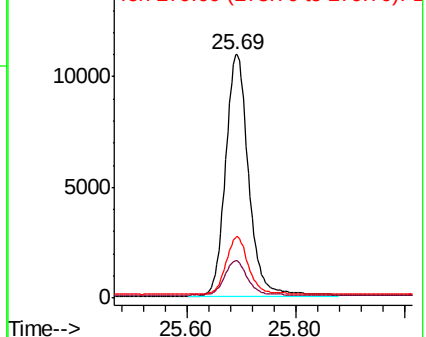
279 24.9 19.4 29.2

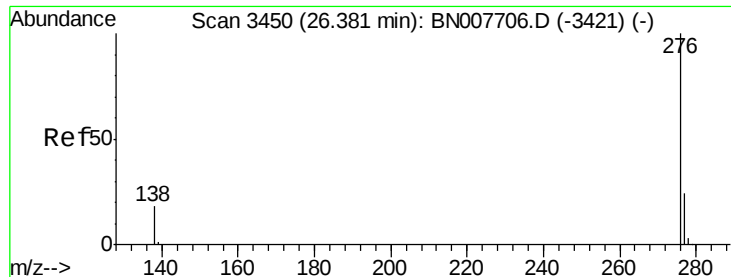


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.326 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN007895.D

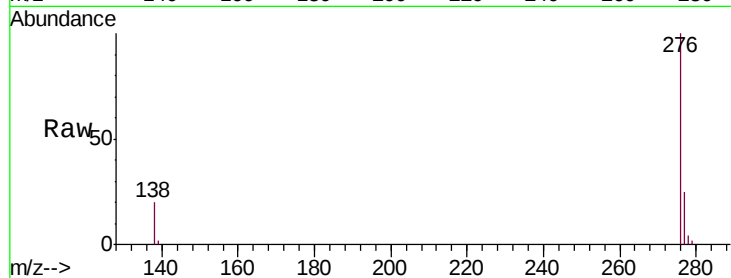
Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS



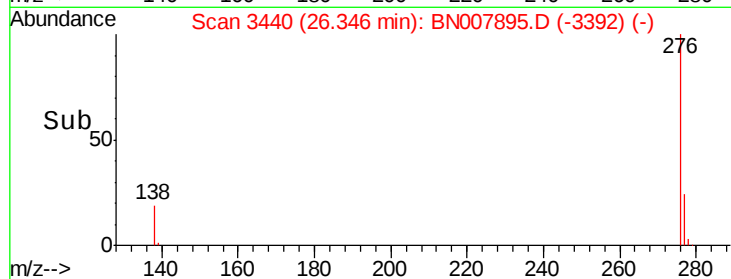
Tgt Ion: 276 Resp: 33785

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 19.9 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

15000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

