

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
 Data File : BN007895.D
 Acq On : 30 Sep 2019 14:06
 Operator : JU
 Sample : PB123466BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123466BS

Quant Time: Oct 01 07:15:25 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

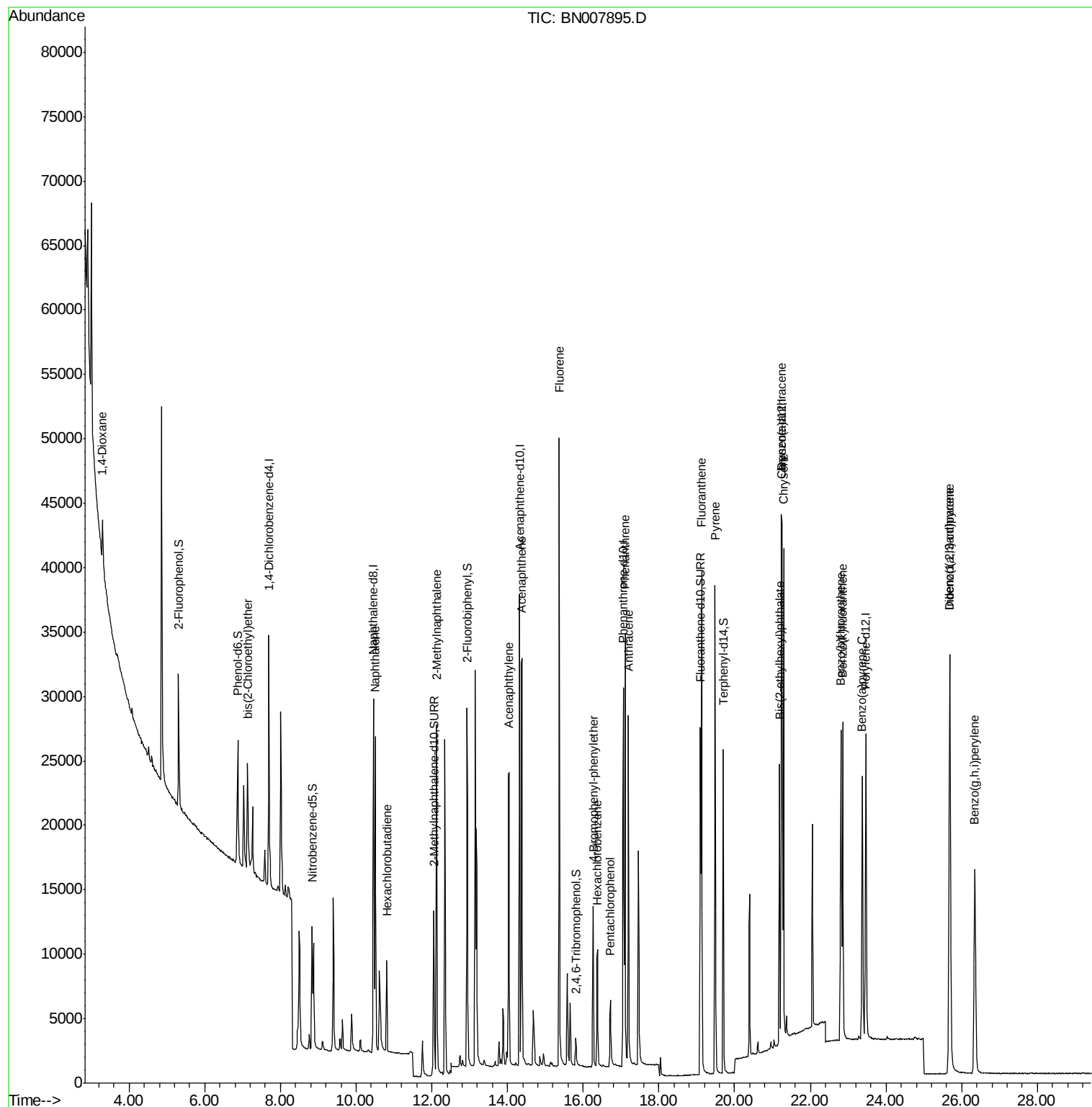
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	2583	0.249	ng	# 71
6) bis(2-Chloroethyl)ether	7.13	93	9057	0.344	ng	90
9) Naphthalene	10.51	128	30874	0.303	ng	100
10) Hexachlorobutadiene	10.81	225	6109	0.285	ng	# 100
12) 2-Methylnaphthalene	12.13	142	20390	0.296	ng	100
16) 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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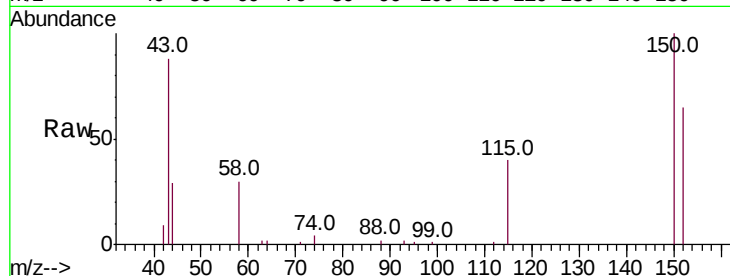


#1

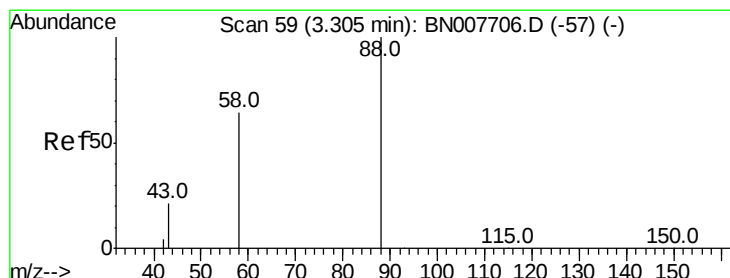
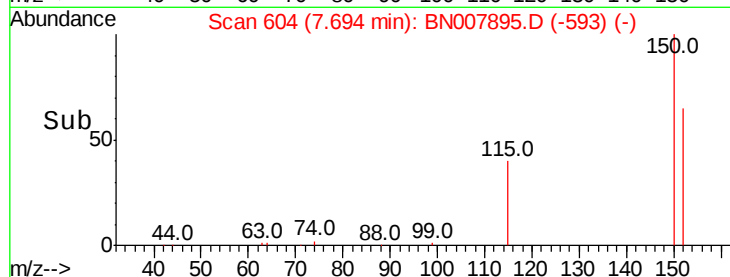
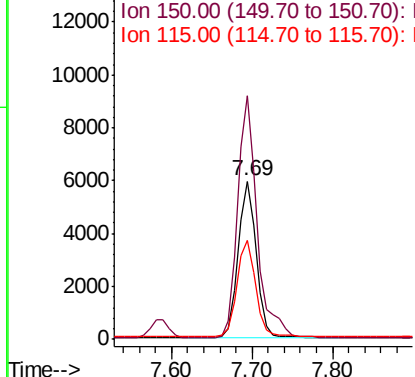
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

Instrument :
BNA_N
ClientSampleId :
PB123466BS

Tot Ion:152 Resp: 9301
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 62.3 53.3 79.9



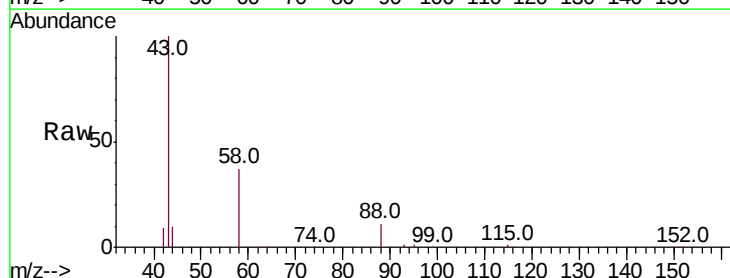
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



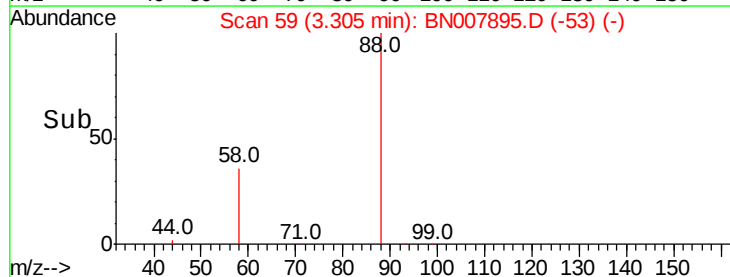
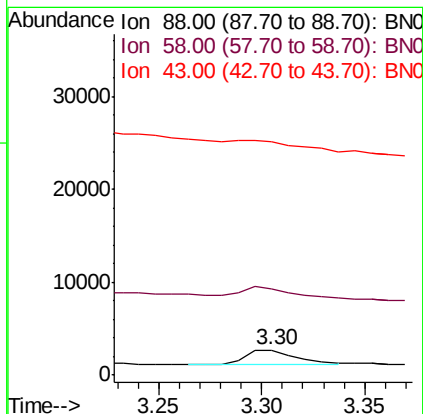
#2

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





#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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

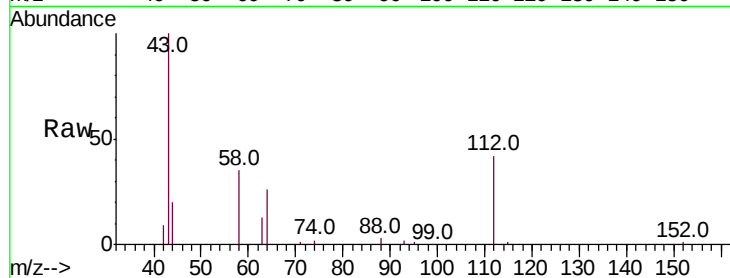
Tot Ion:112 Resp: 8351

Ion Ratio Lower Upper

112 100

64 58.4 46.6 70.0

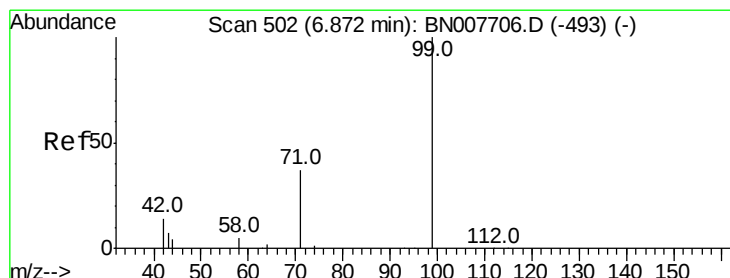
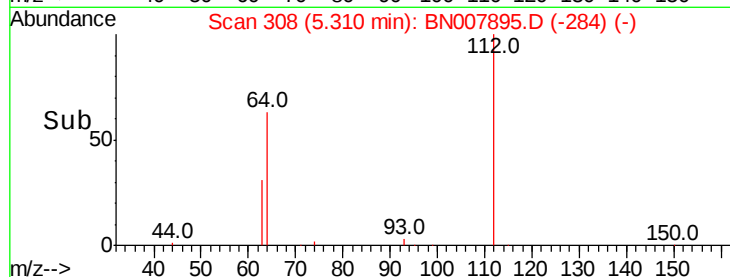
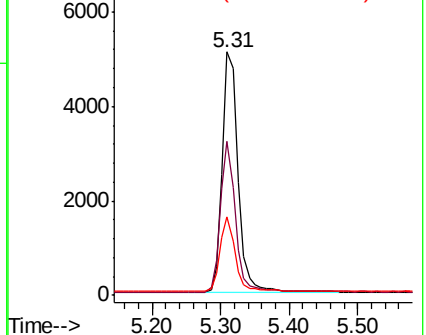
63 29.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#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

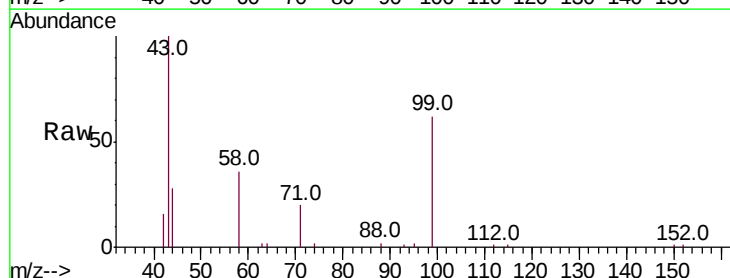
Tgt Ion: 99 Resp: 10680

Ion Ratio Lower Upper

99 100

42 13.7 12.8 19.2

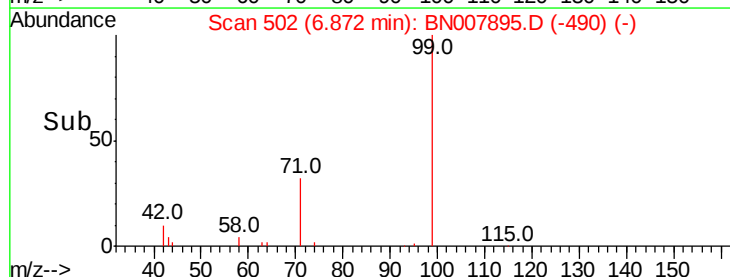
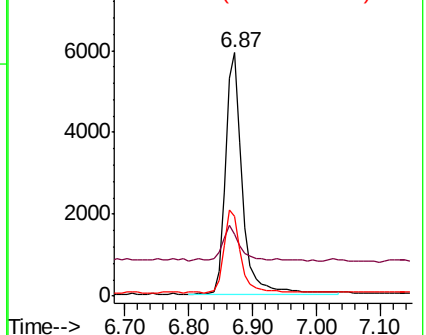
71 34.2 27.6 41.4

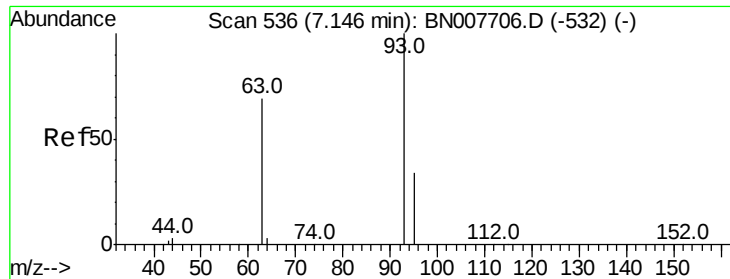


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.344 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

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PB123466BS

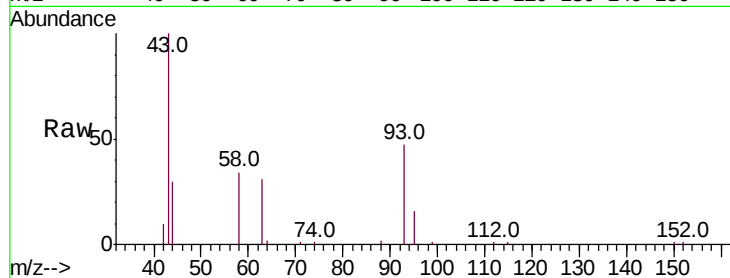
Tot Ion: 93 Resp: 9057

Ion Ratio Lower Upper

93 100

63 65.6 59.3 88.9

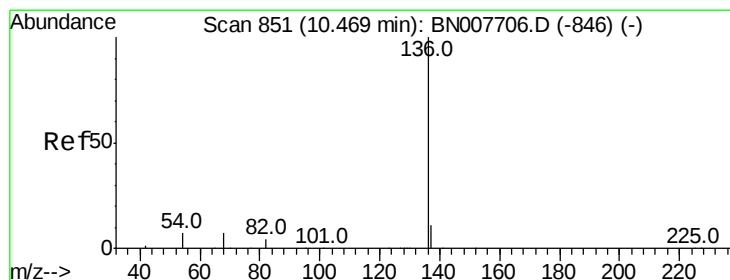
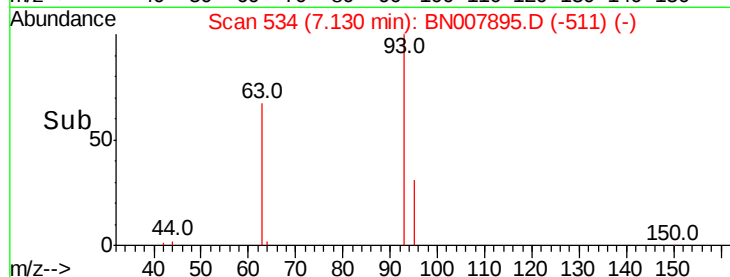
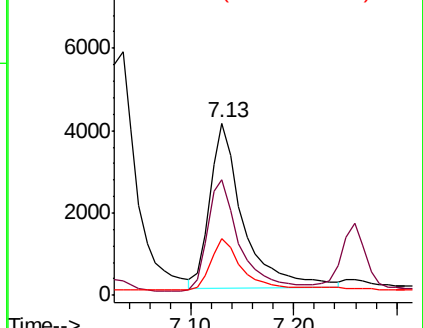
95 33.2 31.4 47.0



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

Tgt Ion: 136 Resp: 36288

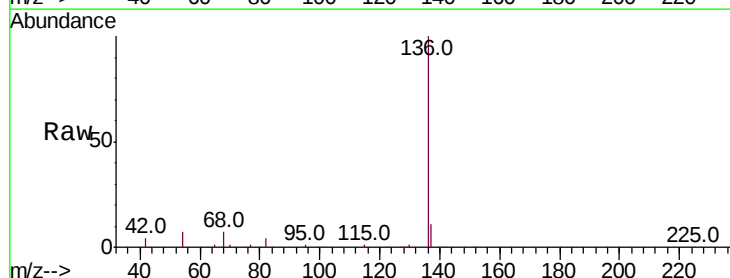
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 5.8 8.8

68 7.3 6.5 9.7

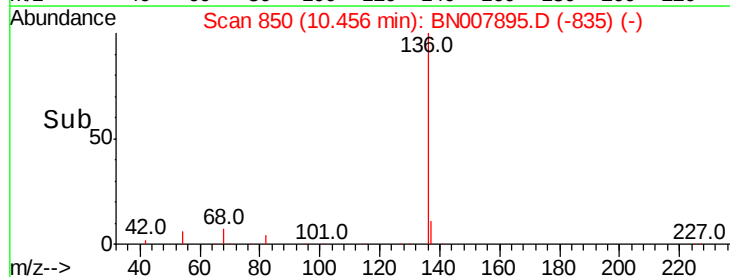
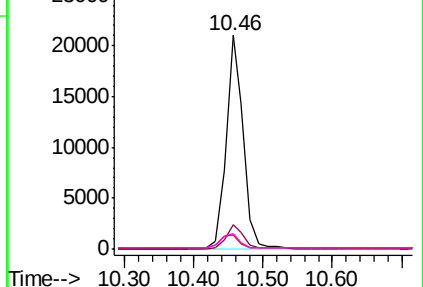


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)





#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

Instrument :

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PB123466BS

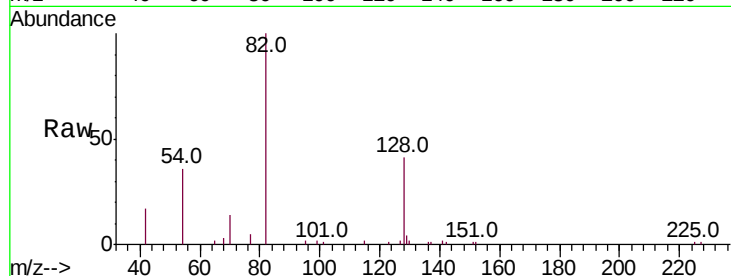
Tot Ion: 82 Resp: 9221

Ion Ratio Lower Upper

82 100

128 40.5 24.5 36.7#

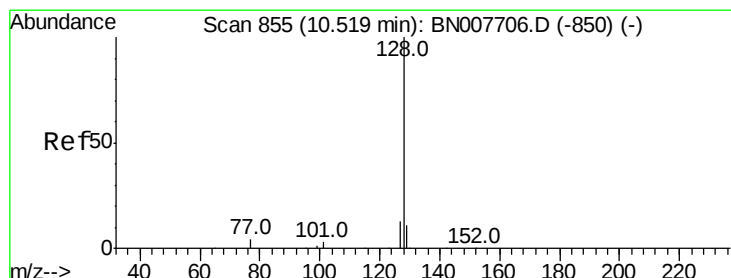
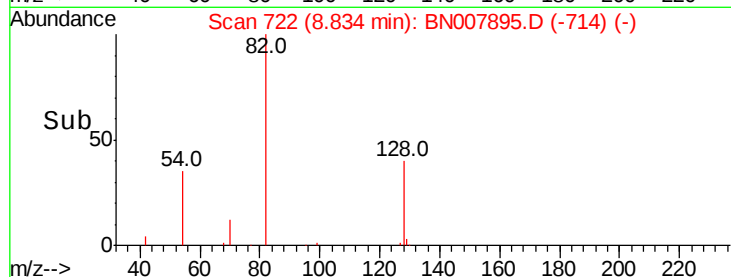
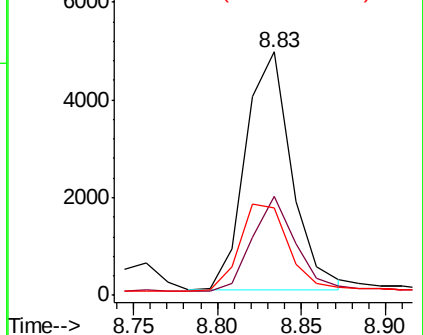
54 35.8 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): 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: 0.303 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

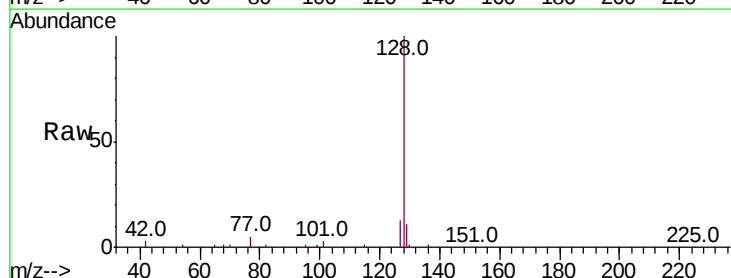
Tgt Ion: 128 Resp: 30874

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

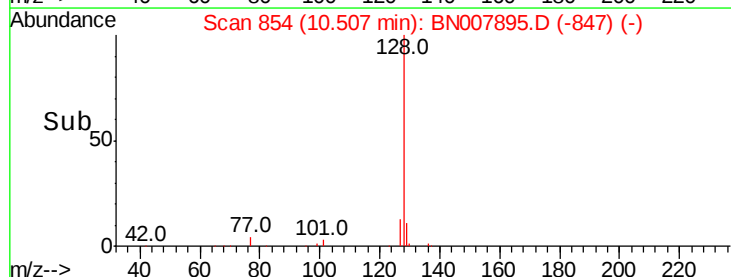
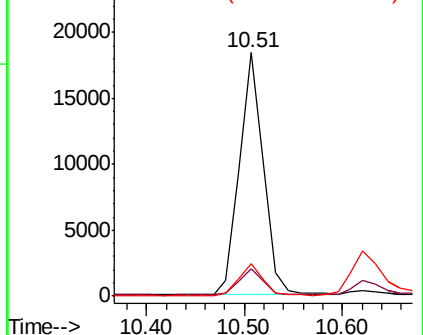
127 13.2 10.6 15.8

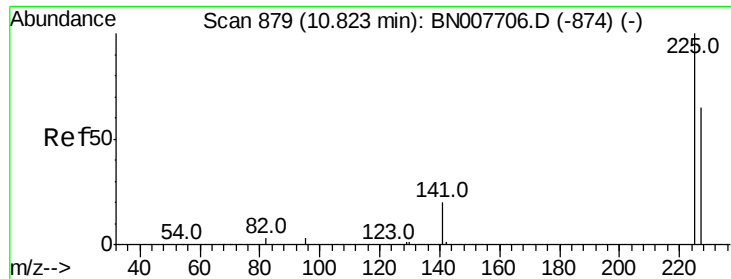


Abundance Ion 128.00 (127.70 to 128.70): BN007706.D (-850) (-)

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

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

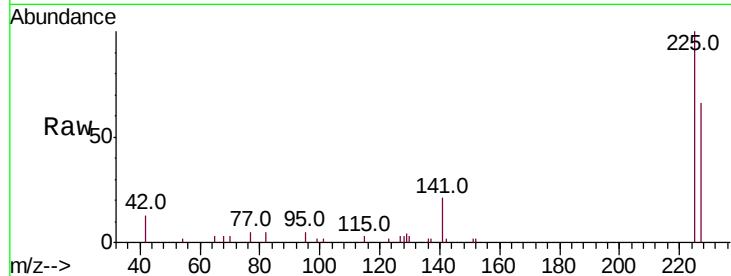




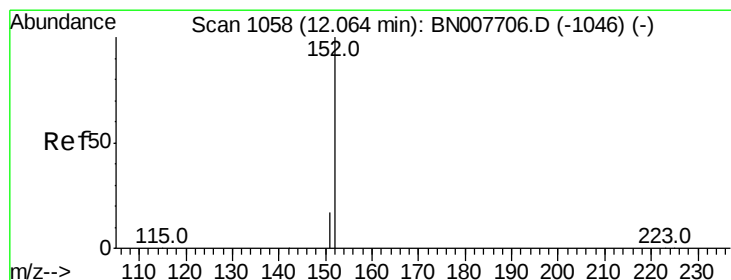
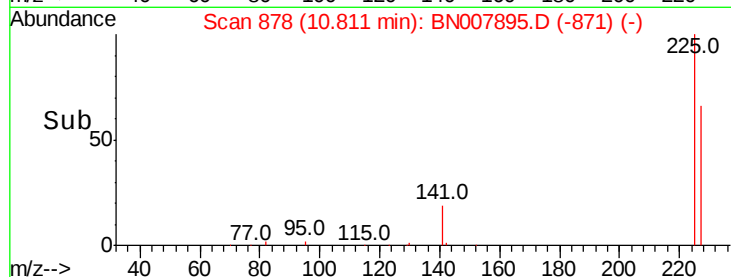
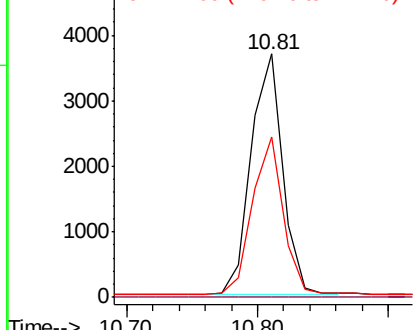
#10
Hexachlorobutadiene
Concen: 0.285 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

Instrument :
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Tot Ion:225 Resp: 6109
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.2 76.8

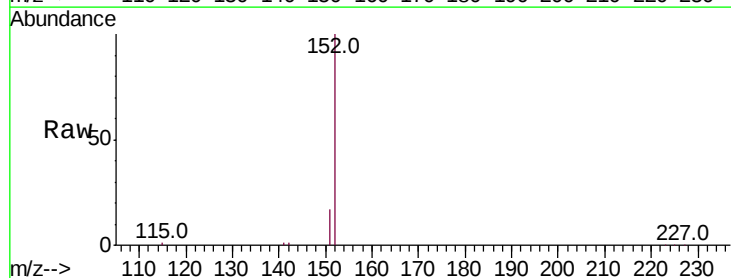


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

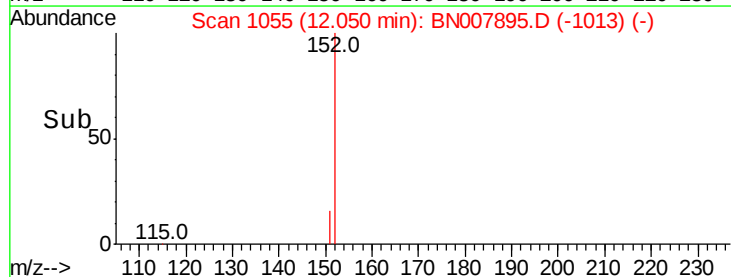
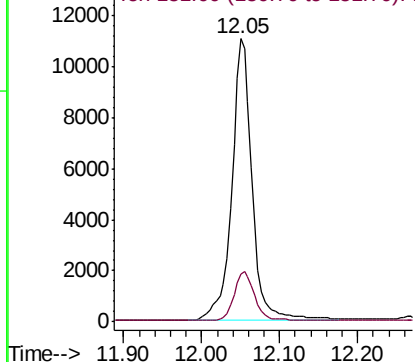


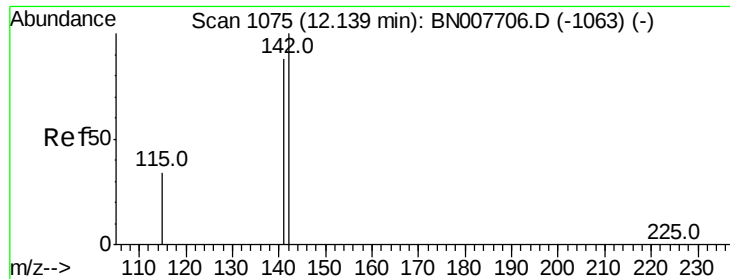
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

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



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

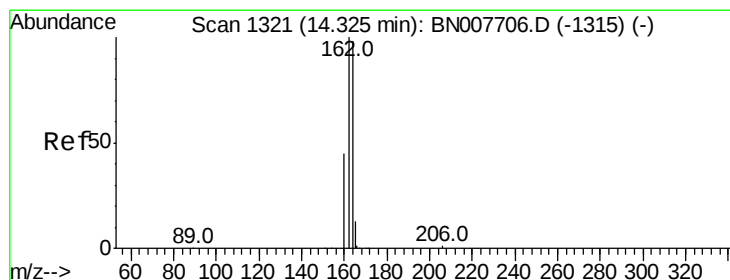
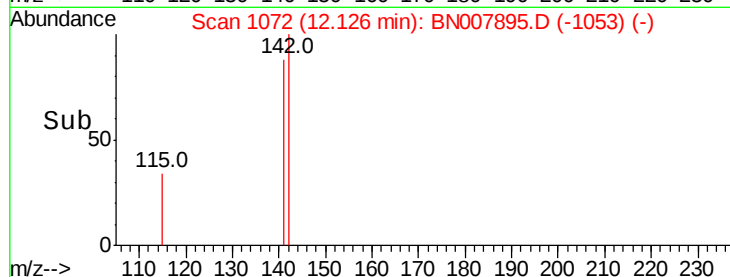
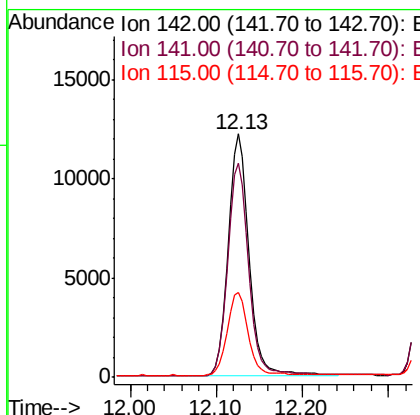
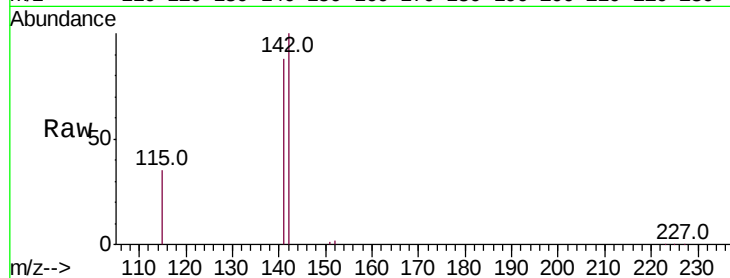




#12
2-Methylnaphthalene
Concen: 0.296 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

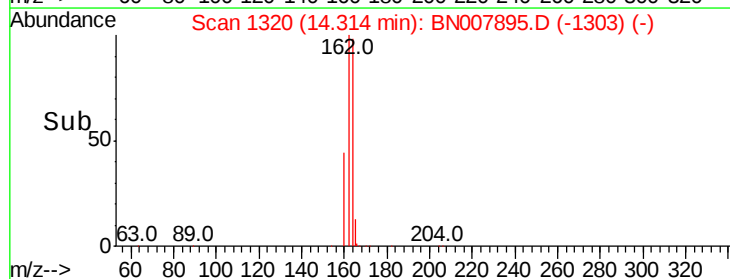
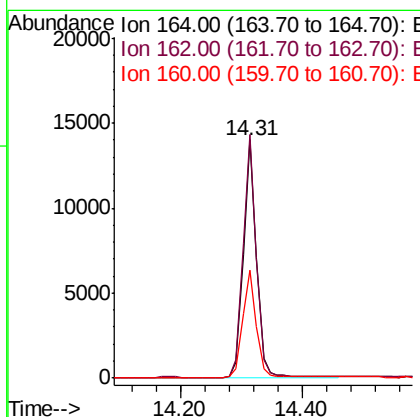
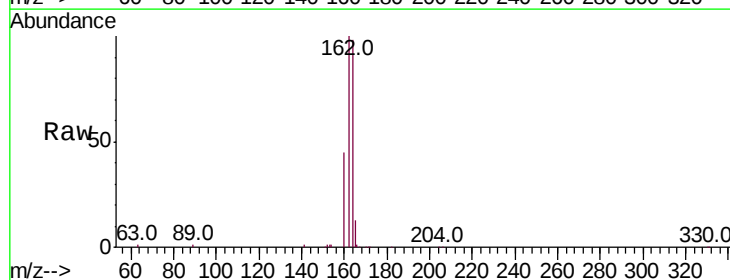
Instrument :
BNA_N
ClientSampleId :
PB123466BS

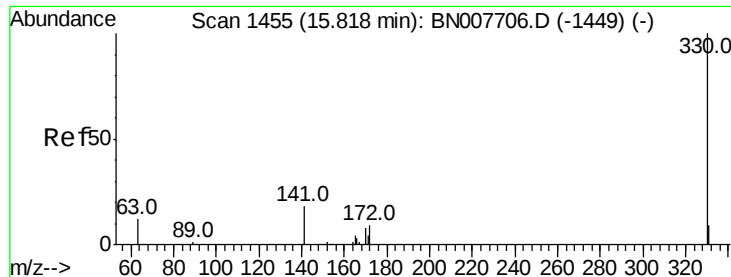
Tot Ion:142 Resp: 20390
Ion Ratio Lower Upper
142 100
141 88.0 70.6 106.0
115 35.1 28.3 42.5



#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

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

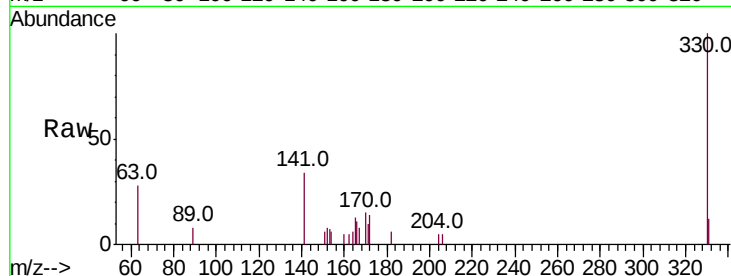




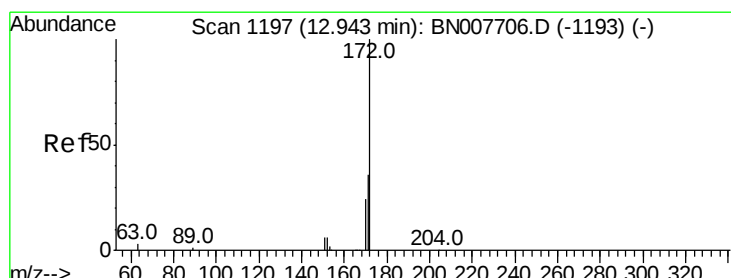
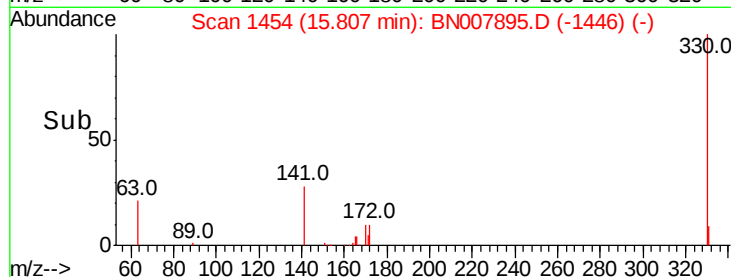
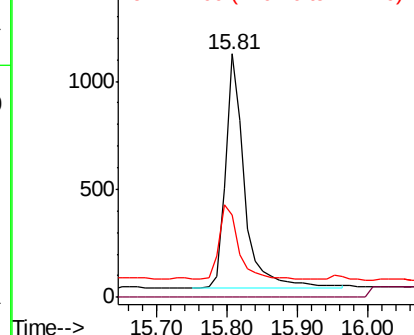
#14
 2,4,6-Tribromophenol
 Concen: 0.180 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007895.D
 Acq: 30 Sep 2019 14:06

Instrument :
 BNA_N
 ClientSampleId :
 PB123466BS

Tot Ion:330 Resp: 2034
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 32.5 28.7 43.1

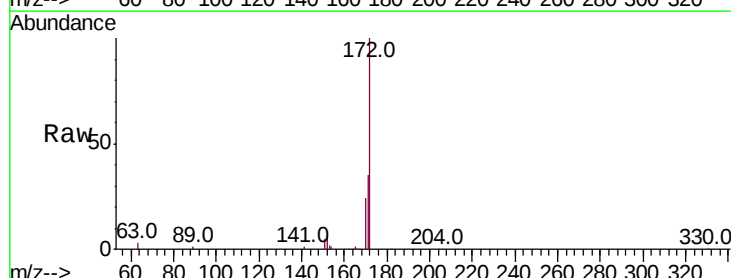


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

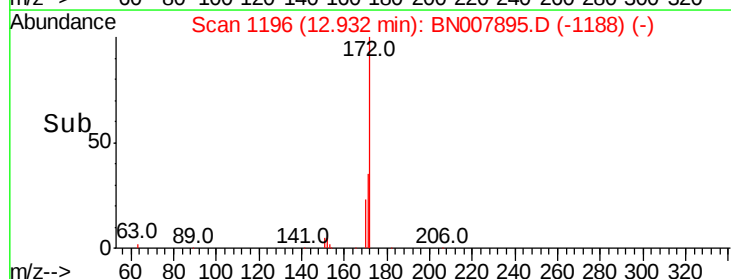
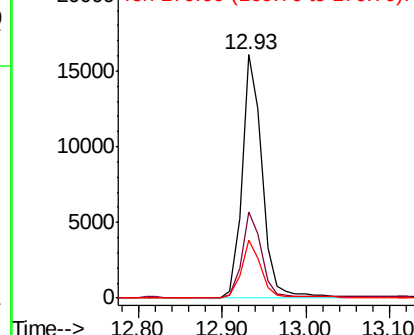


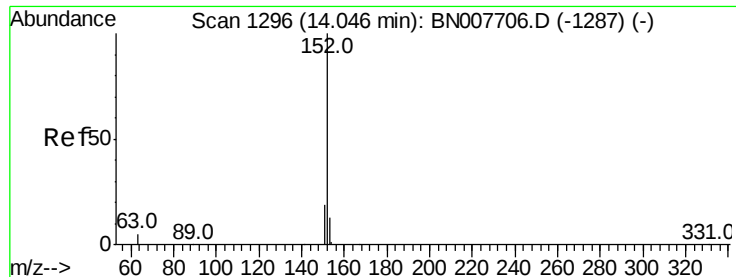
#15
 2-Fluorobiphenyl
 Concen: 0.308 ng
 RT: 12.93 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BN007895.D
 Acq: 30 Sep 2019 14:06

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



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





#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

Instrument :

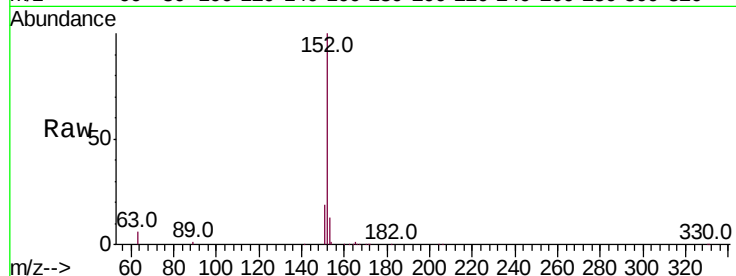
BNA_N

ClientSampleId :

PB123466BS

Tot Ion:152 Resp: 29902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.9	10.4	15.6

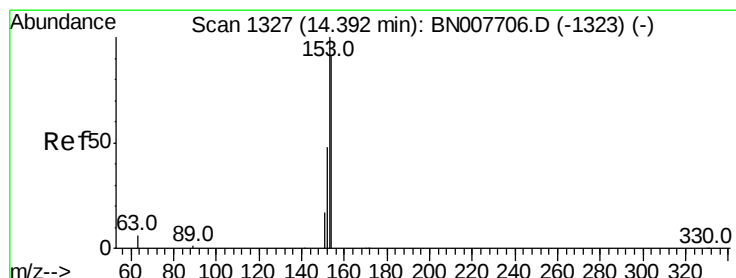
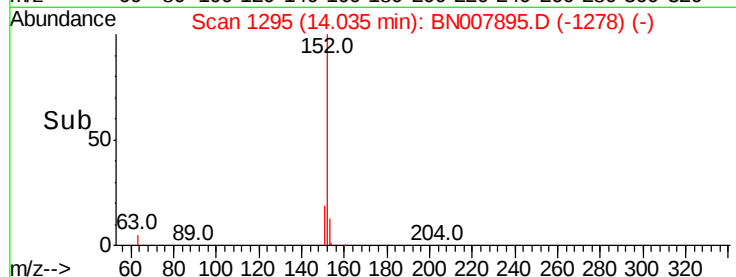
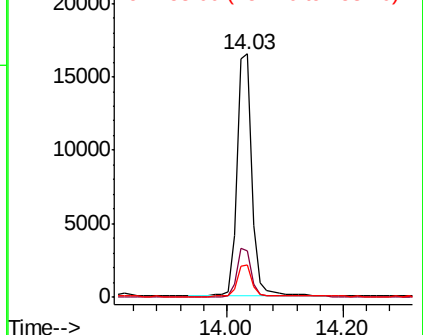


Abundance

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: 0.267 ng

RT: 14.38 min Scan# 1326

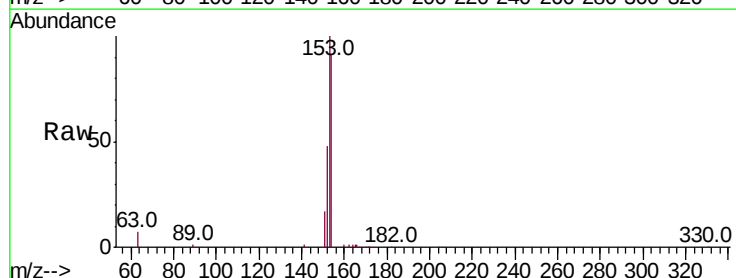
Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

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

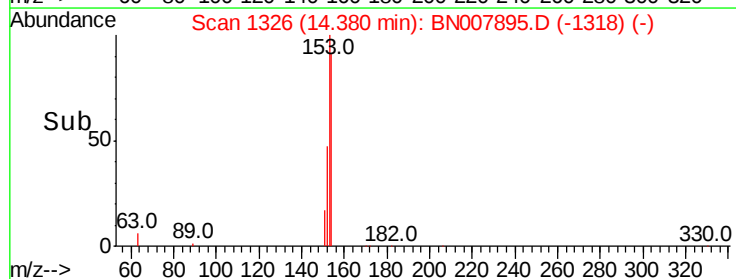
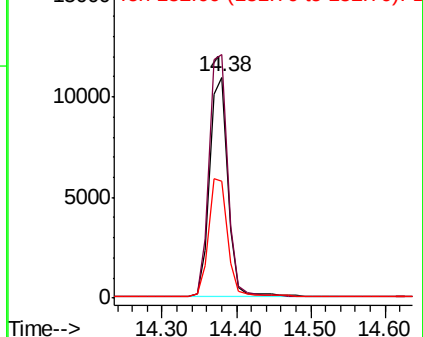


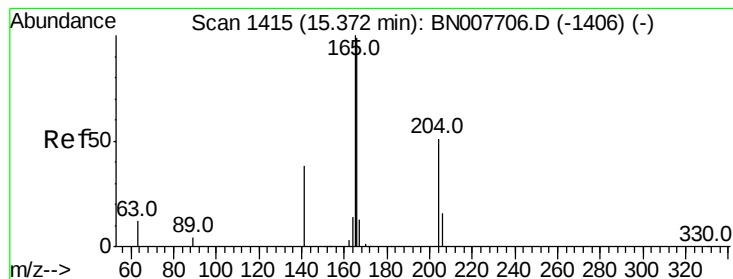
Abundance

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: 0.259 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB123466BS

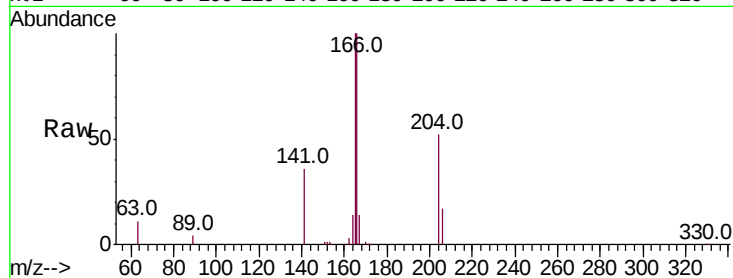
Tot Ion:166 Resp: 23526

Ion Ratio Lower Upper

166 100

165 97.8 78.0 117.0

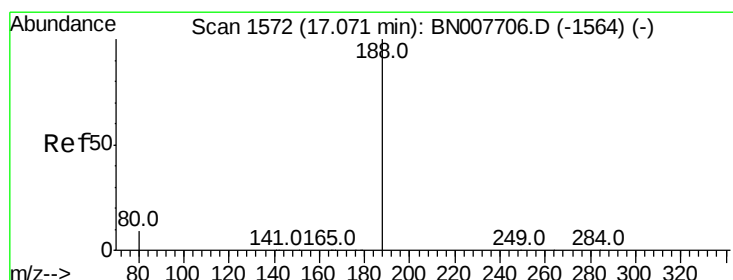
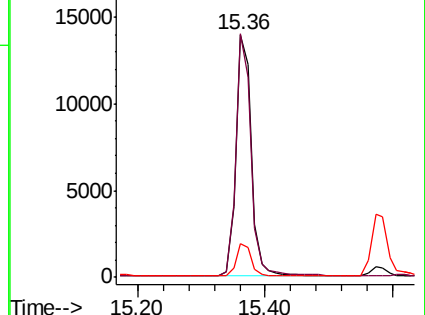
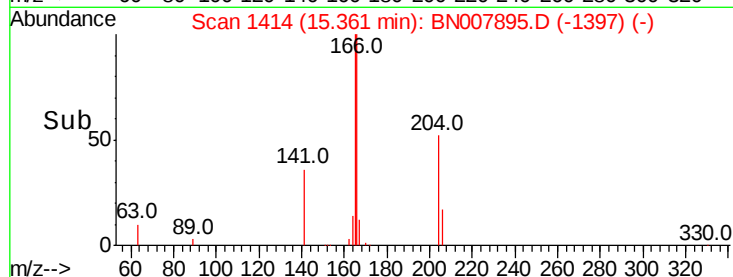
167 13.3 10.9 16.3



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: BN007895.D

Acq: 30 Sep 2019 14:06

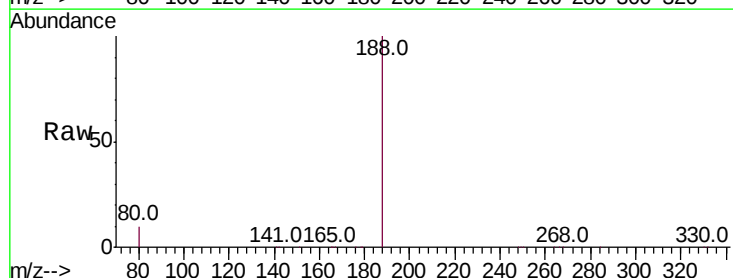
Tgt Ion:188 Resp: 39847

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

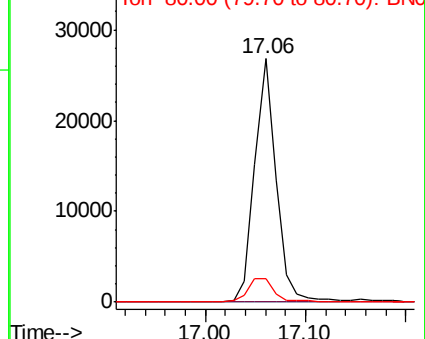
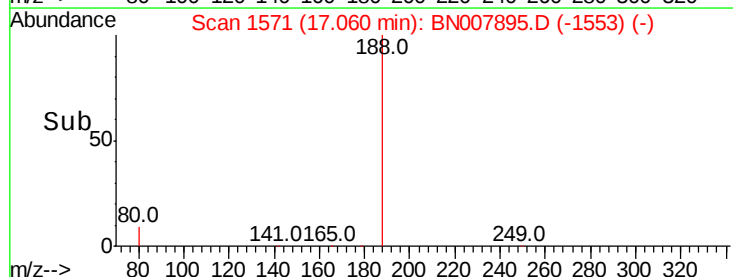
80 9.5 7.4 11.2

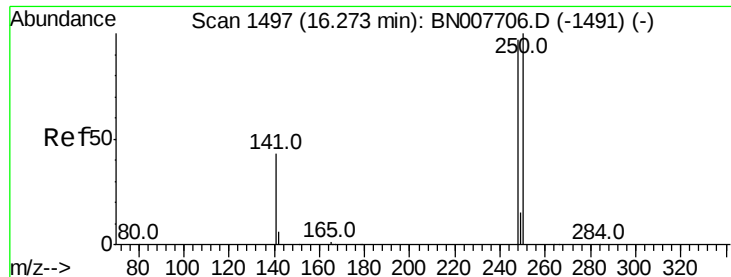


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

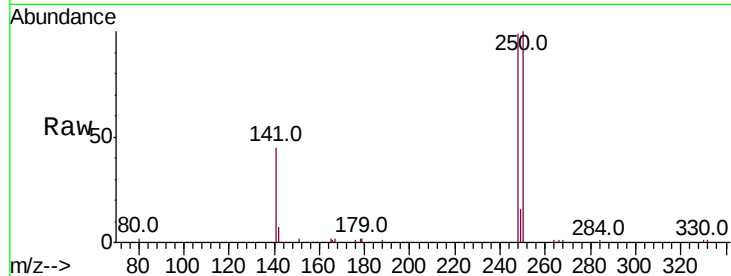




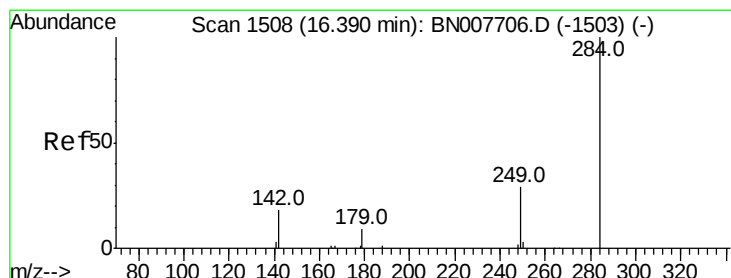
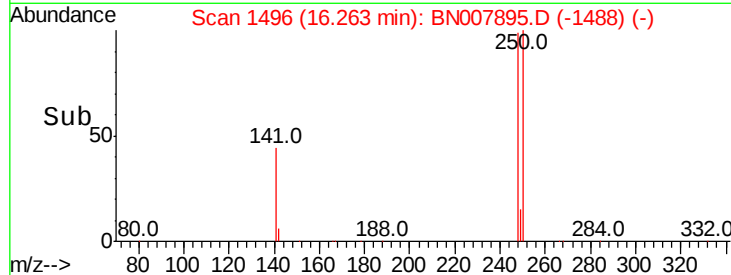
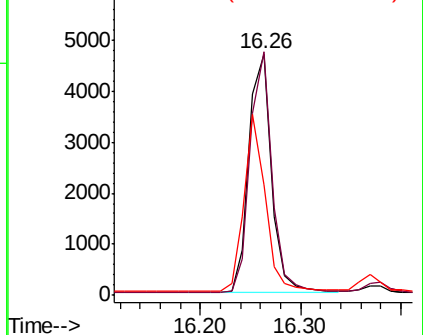
#20
4-Bromophenyl-phenylether
Concen: 0.307 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

Instrument :
BNA_N
ClientSampleId :
PB123466BS

Tot Ion:248 Resp: 7431
Ion Ratio Lower Upper
248 100
250 100.9 82.2 123.4
141 45.6 36.3 54.5

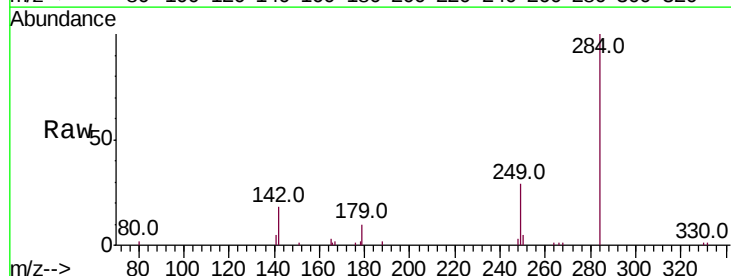


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

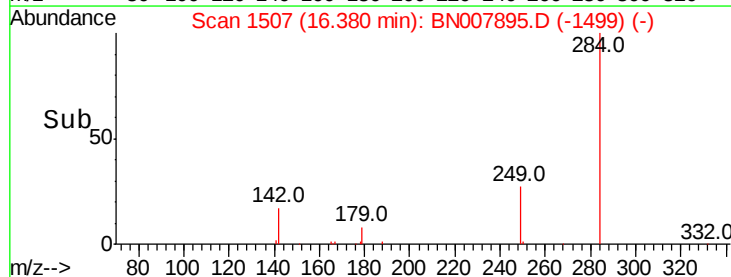
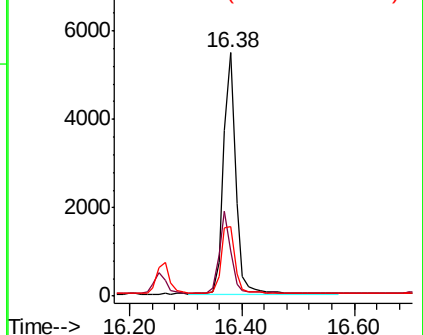


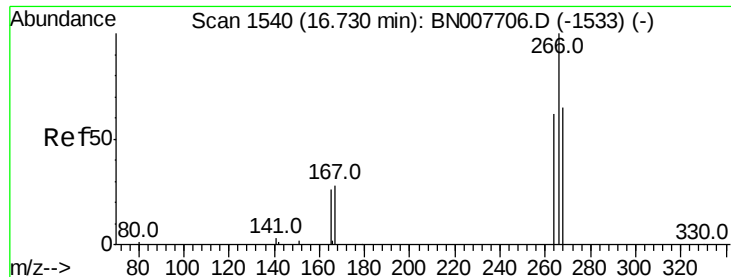
#21
Hexachlorobenzene
Concen: 0.311 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

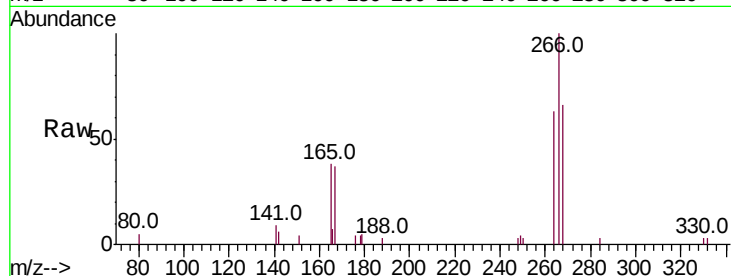
Tot Ion:266 Resp: 3495

Ion Ratio Lower Upper

266 100

264 63.1 50.0 75.0

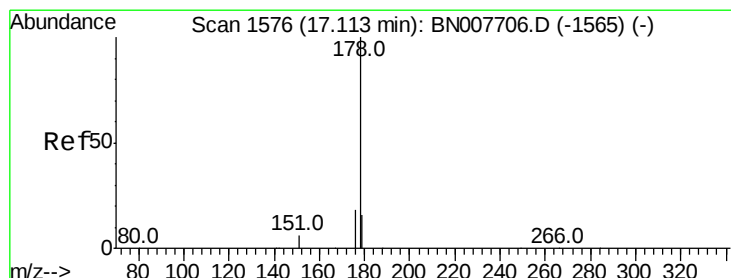
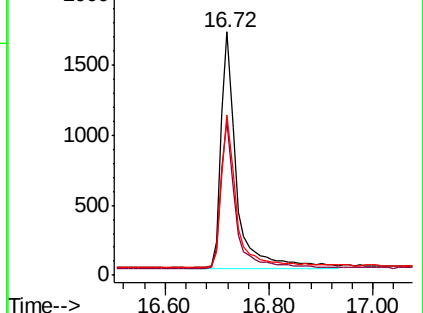
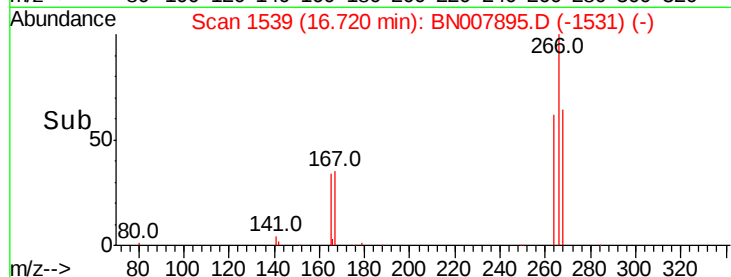
268 65.7 54.2 81.4



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

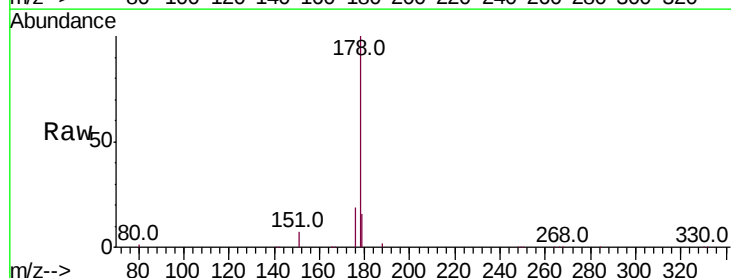
Tgt Ion:178 Resp: 36063

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

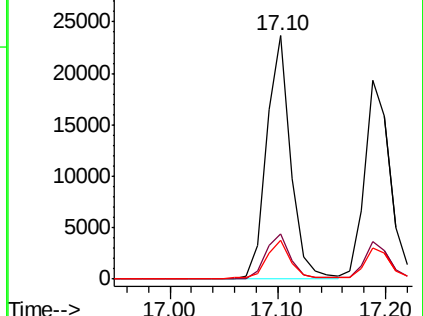
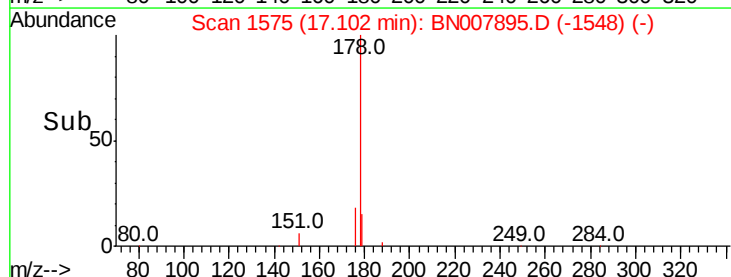
179 15.4 12.5 18.7

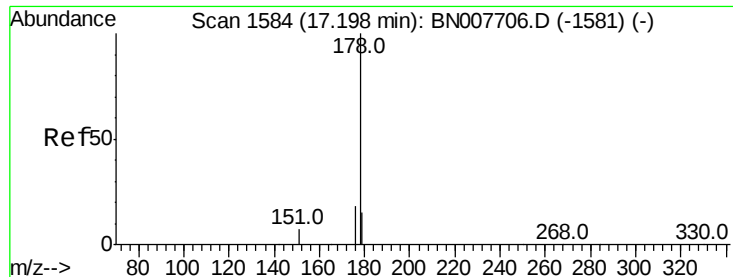


Abundance Ion 178.00 (177.70 to 178.70): E

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

Instrument :

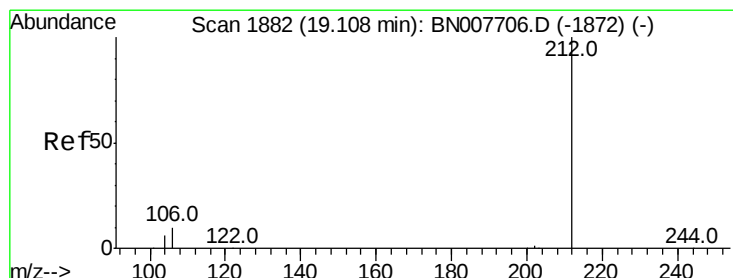
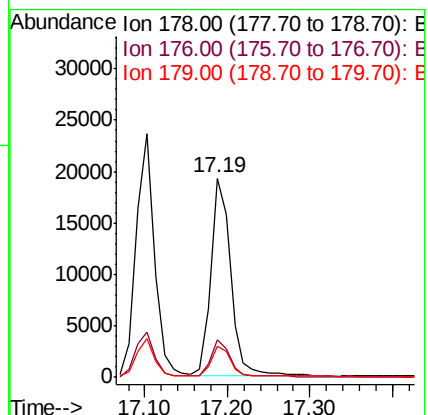
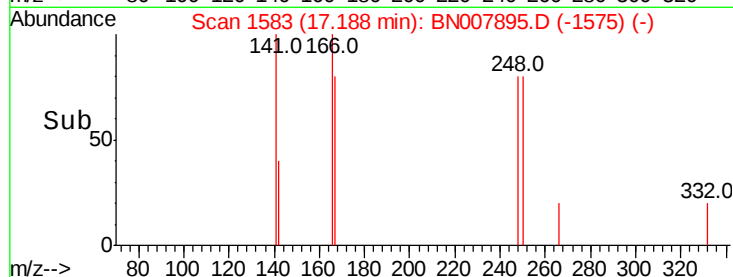
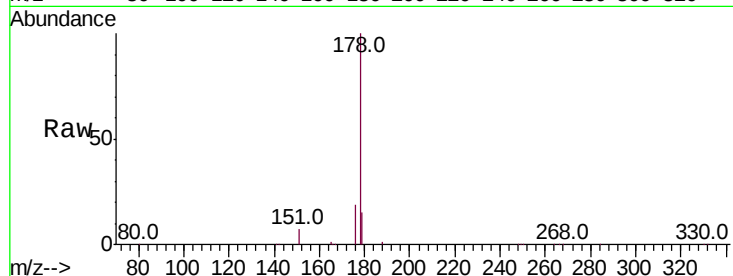
BNA_N

ClientSampleId :

PB123466BS

Tot Ion:178 Resp: 31931

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.2	18.4



#25

Fluoranthene-d10

Concen: 0.245 ng

RT: 19.09 min Scan# 1879

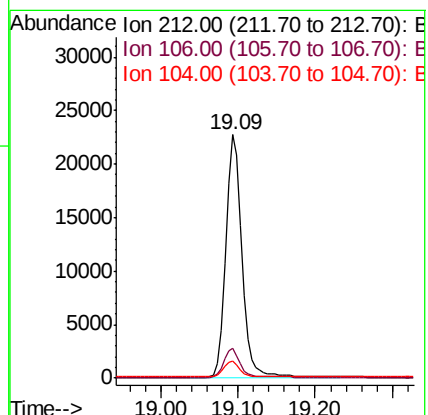
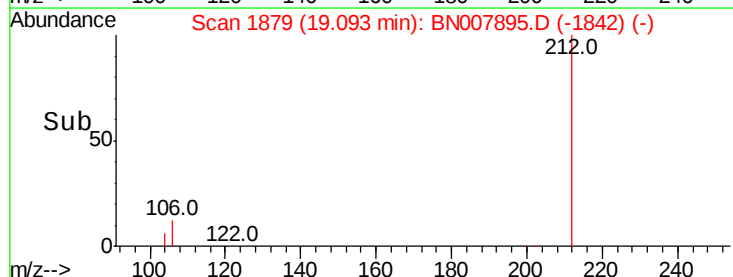
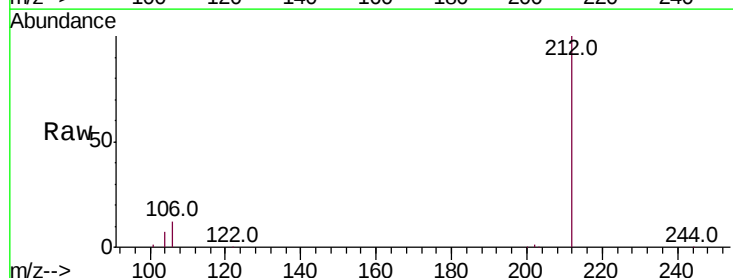
Delta R.T. -0.01 min

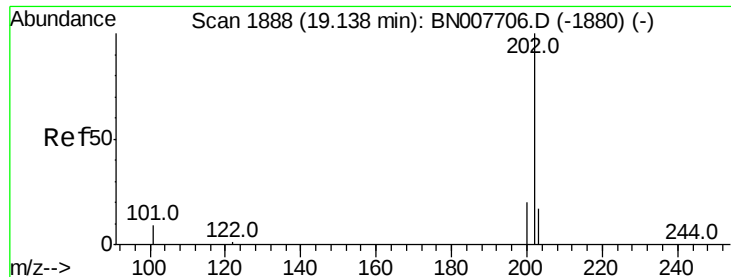
Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

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





#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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

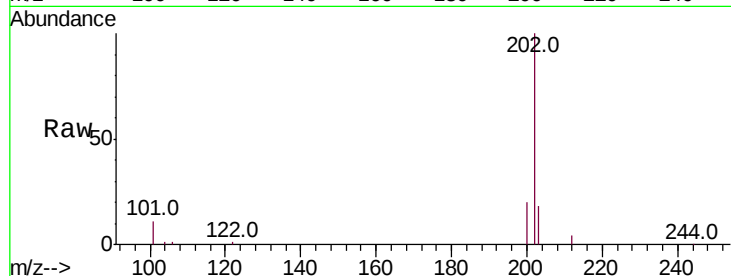
Tot Ion:202 Resp: 36187

Ion Ratio Lower Upper

202 100

101 10.6 8.4 12.6

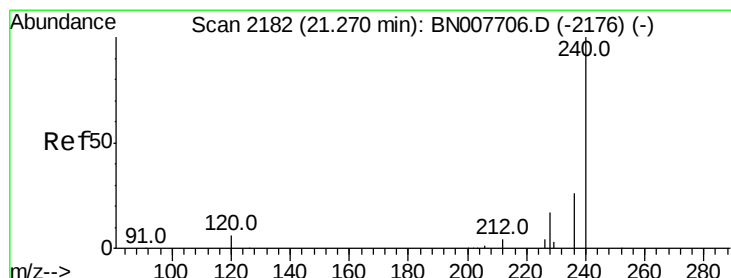
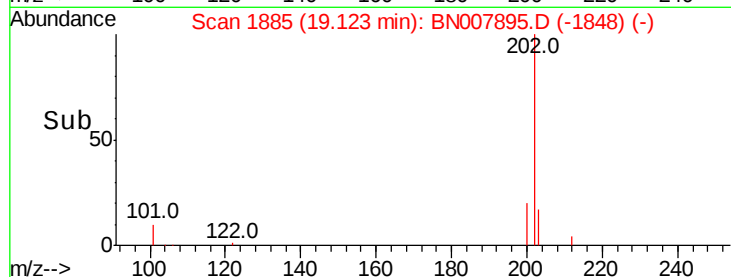
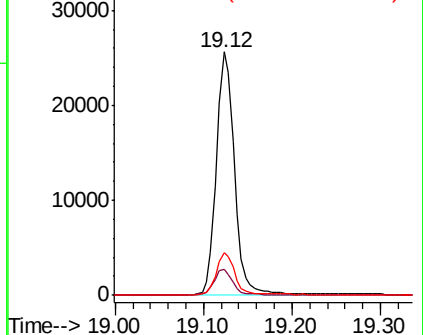
203 17.2 13.8 20.8



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

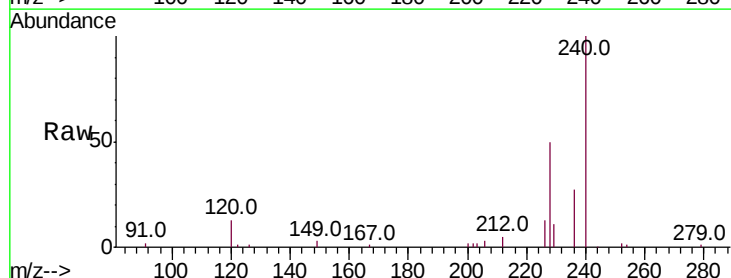
Tgt Ion:240 Resp: 29104

Ion Ratio Lower Upper

240 100

120 12.8 5.4 8.2#

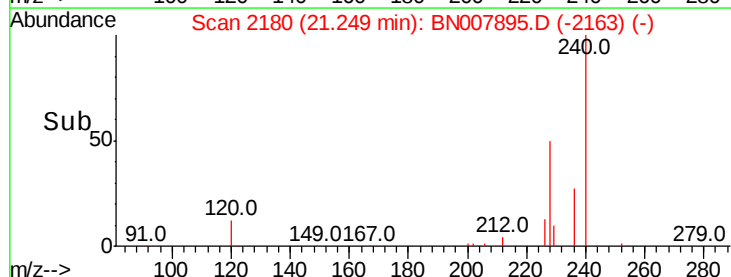
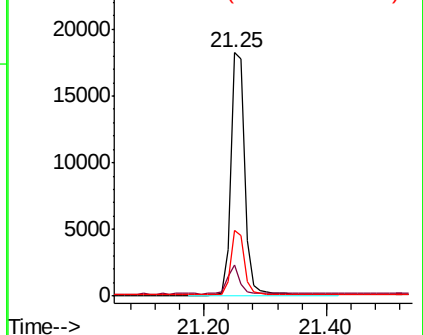
236 27.2 21.0 31.4

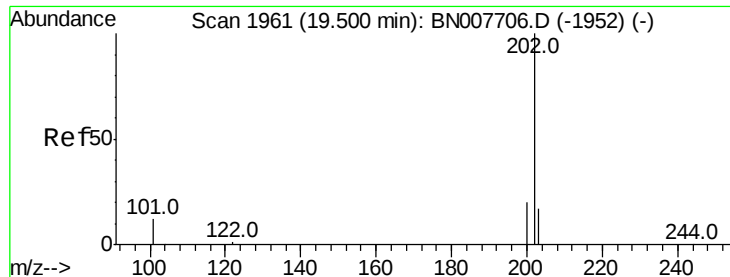


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

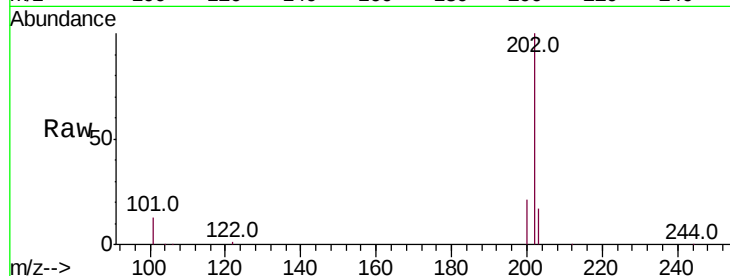
Tot Ion:202 Resp: 35541

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

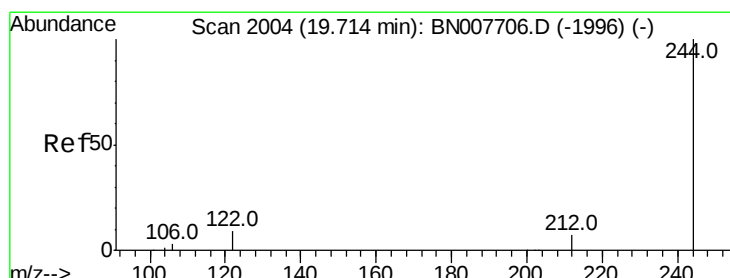
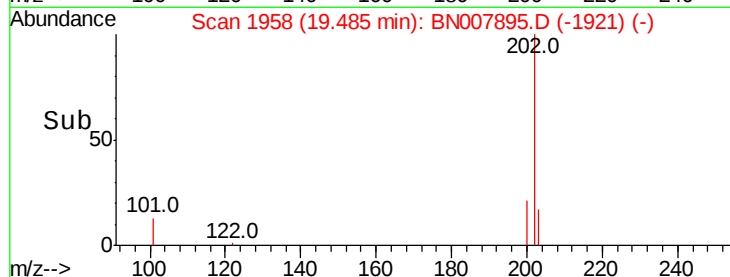
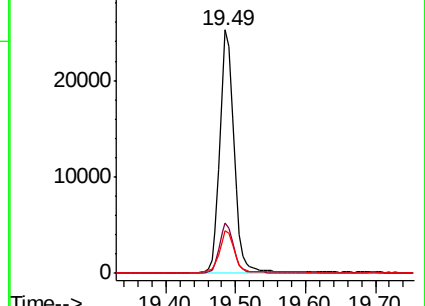
203 17.9 14.1 21.1



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

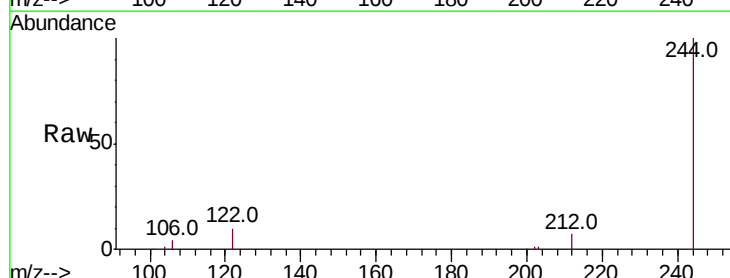
Tgt Ion:244 Resp: 27397

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

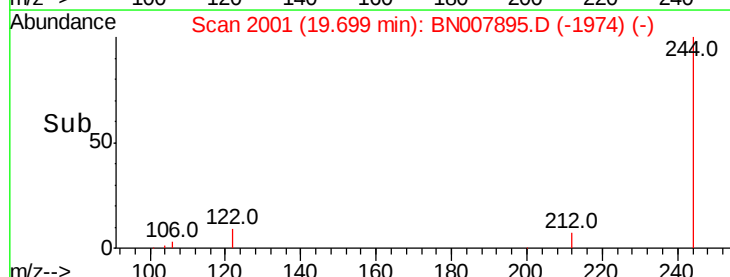
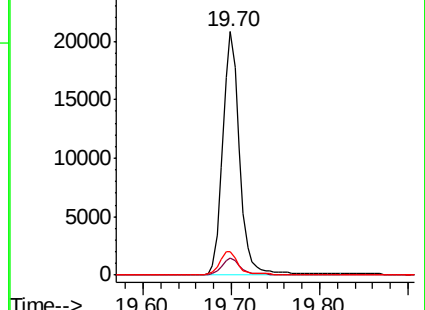
122 9.7 7.4 11.2

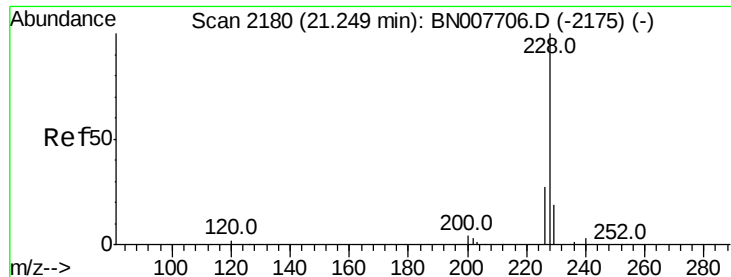


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

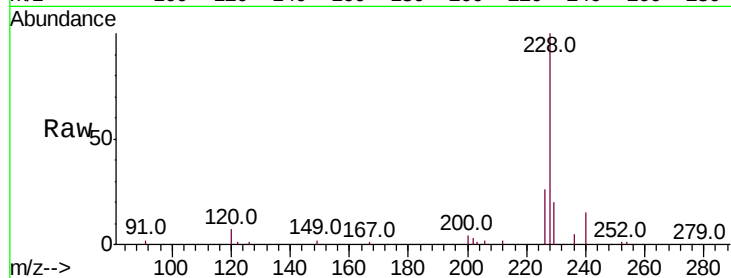
BNA_N

ClientSampleId :

PB123466BS

Tot Ion:228 Resp: 28537

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.1	33.1
229	19.7	15.8	23.6

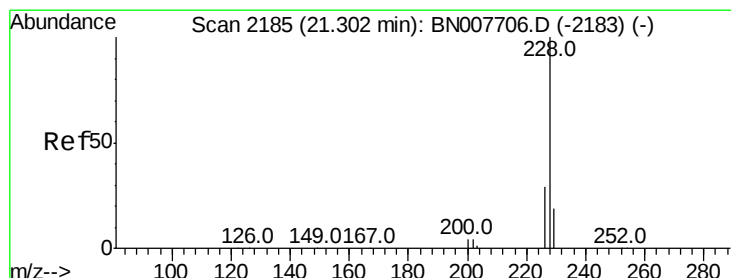
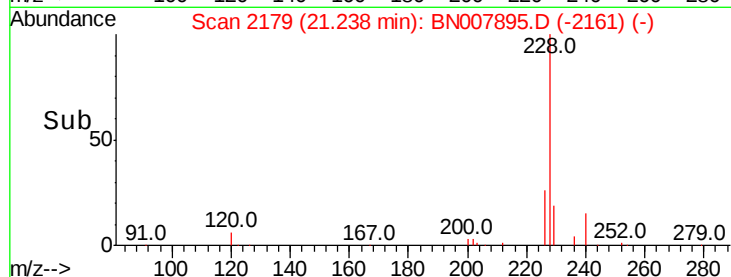
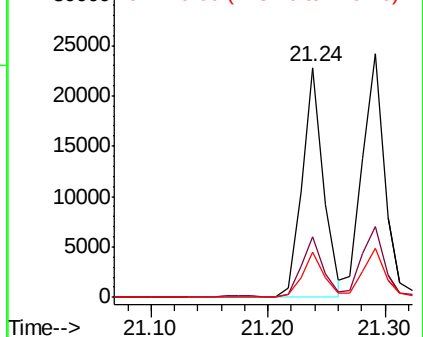


Abundance

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

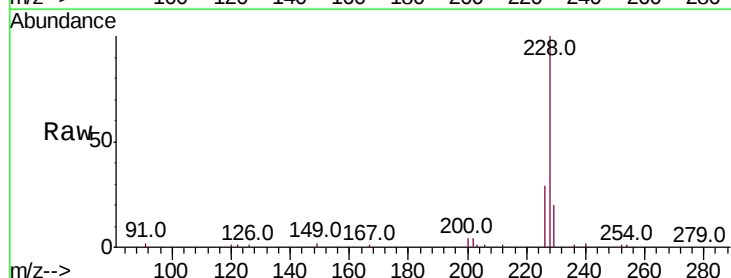
Delta R.T. -0.01 min

Lab File: BN007895.D

Acq: 30 Sep 2019 14:06

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

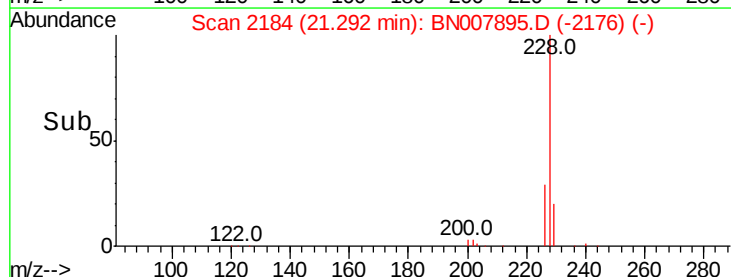
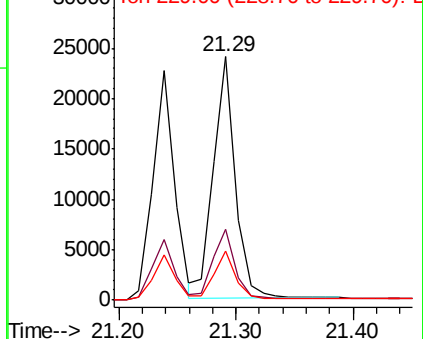


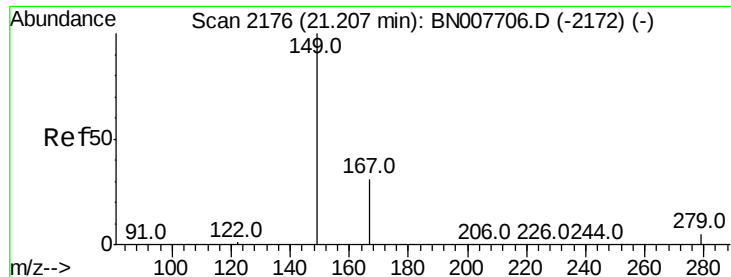
Abundance

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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

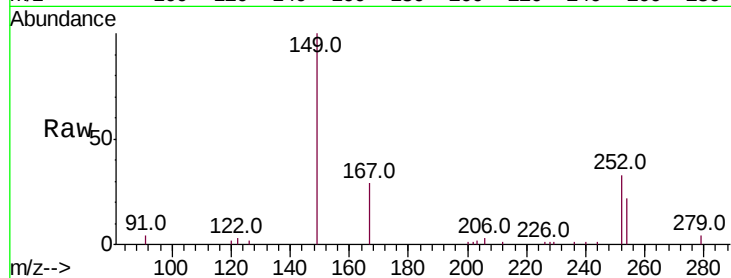
Tot Ion:149 Resp: 12409

Ion Ratio Lower Upper

149 100

167 28.6 23.7 35.5

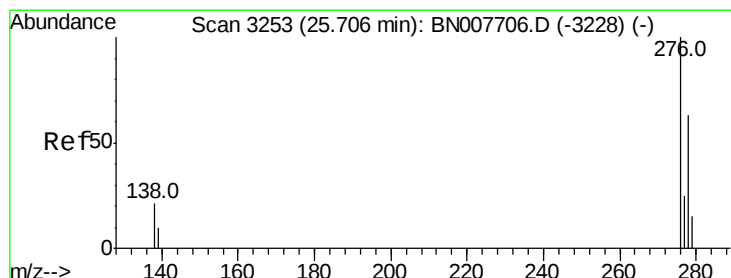
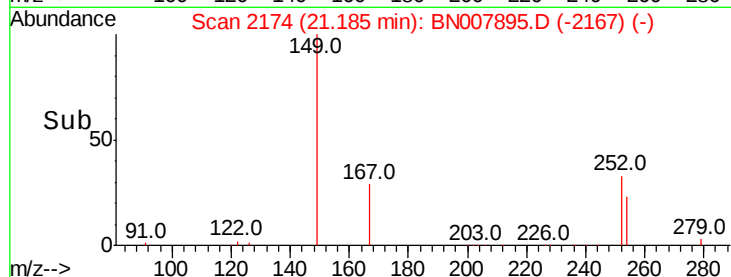
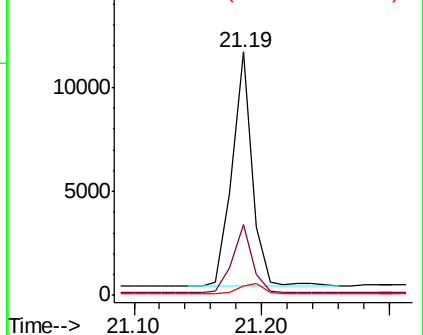
279 4.9 4.2 6.2



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

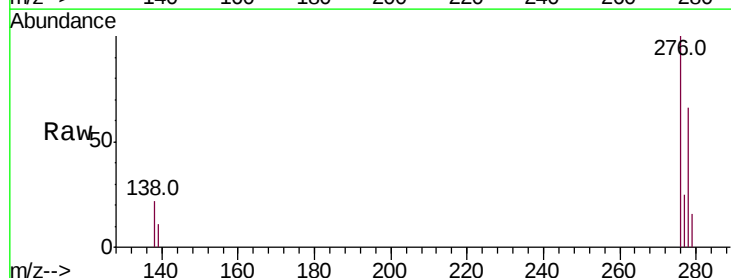
Tgt Ion:276 Resp: 39143

Ion Ratio Lower Upper

276 100

138 21.6 17.1 25.7

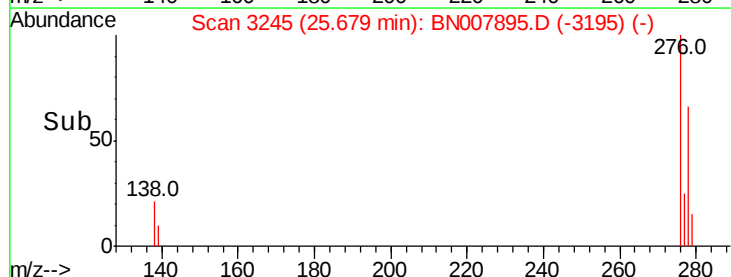
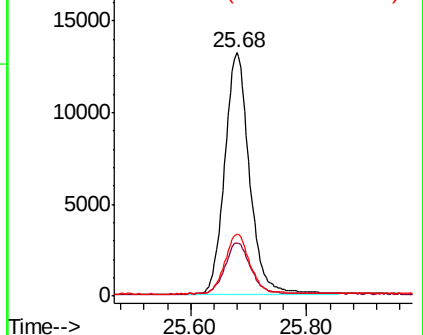
277 24.7 20.0 30.0

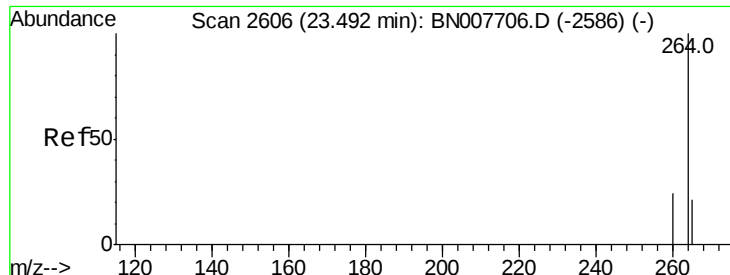


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

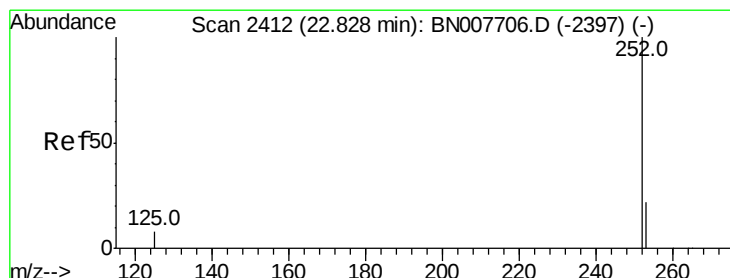
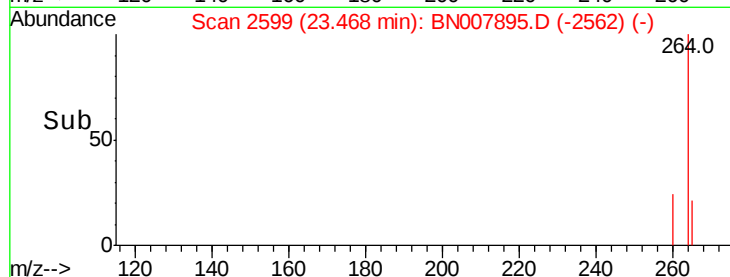
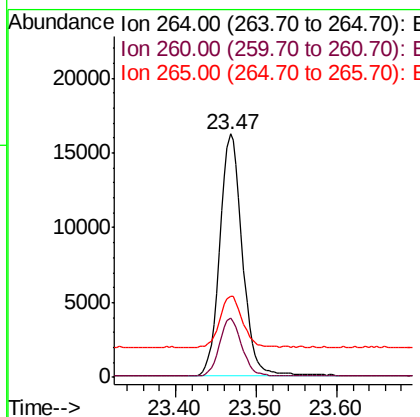
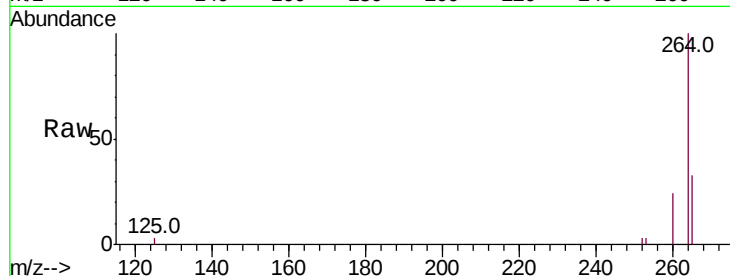




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007895.D
Acq: 30 Sep 2019 14:06

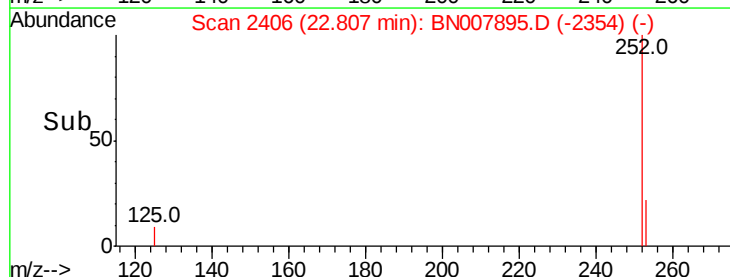
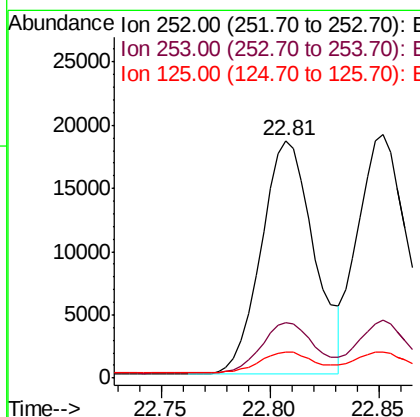
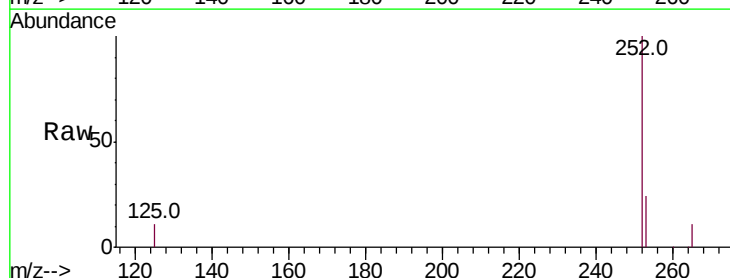
Instrument :
BNA_N
ClientSampleId :
PB123466BS

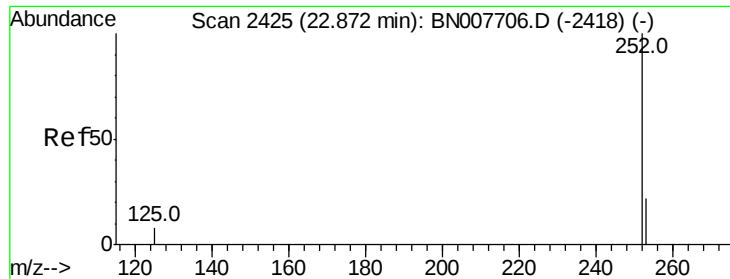
Tot Ion:264 Resp: 31408
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 33.5 26.9 40.3



#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

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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

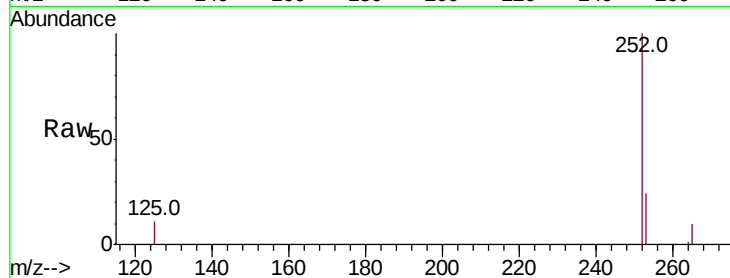
Tot Ion:252 Resp: 31093

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

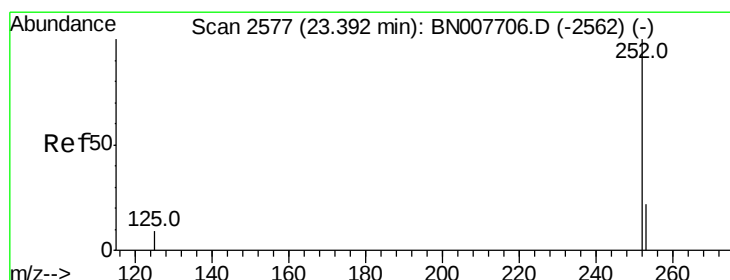
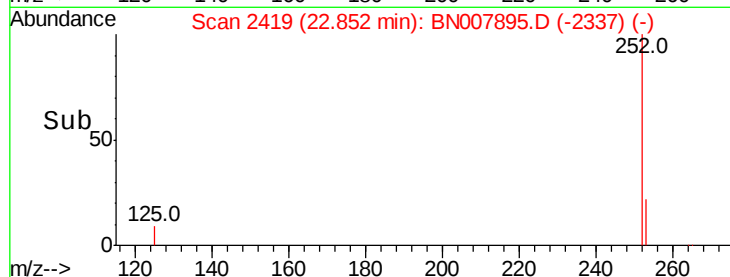
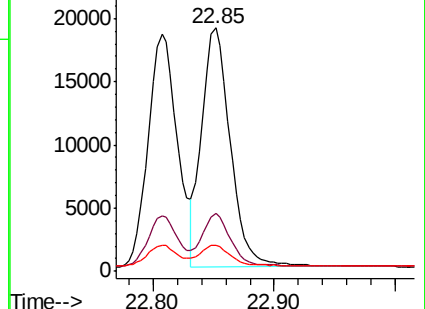
125 10.8 8.4 12.6



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



#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

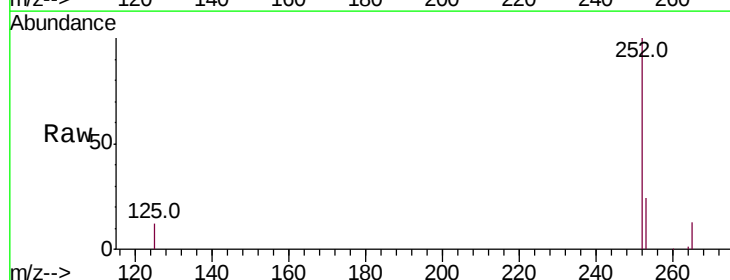
Tgt Ion:252 Resp: 29995

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

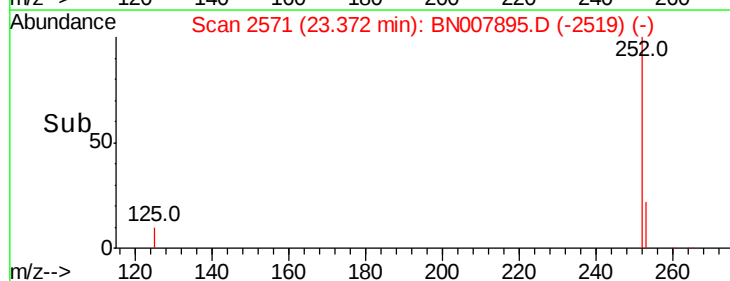
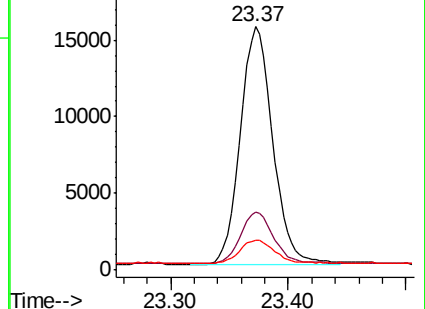
125 12.4 9.4 14.0

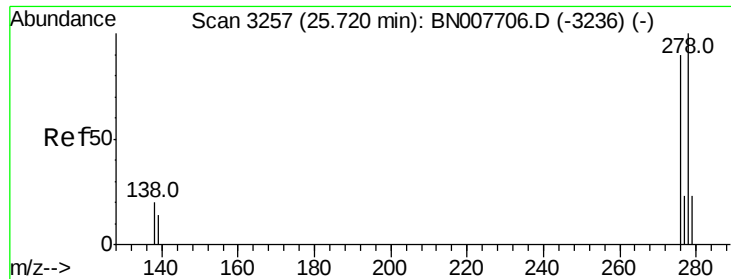


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_N

ClientSampleId :

PB123466BS

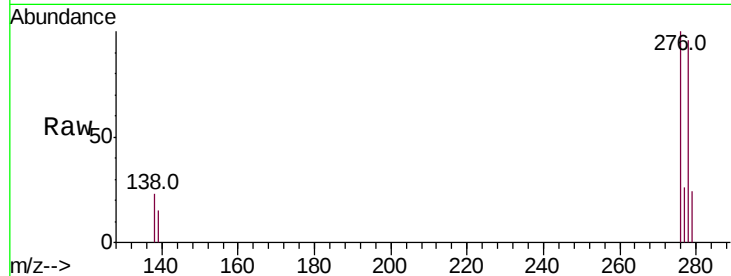
Tot Ion:278 Resp: 32114

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

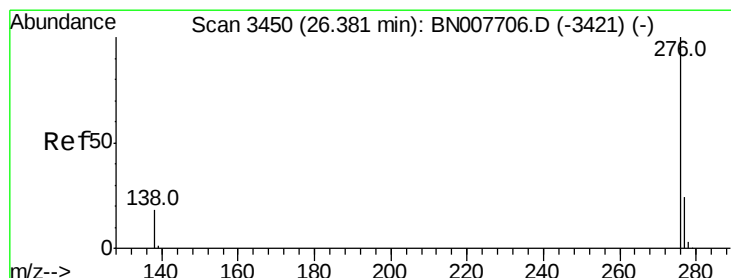
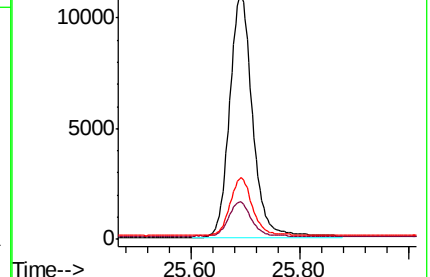
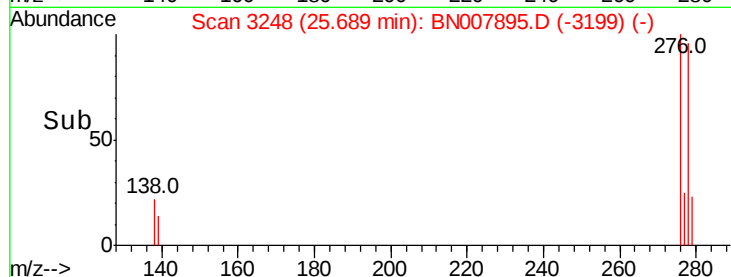
279 24.9 19.4 29.2



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

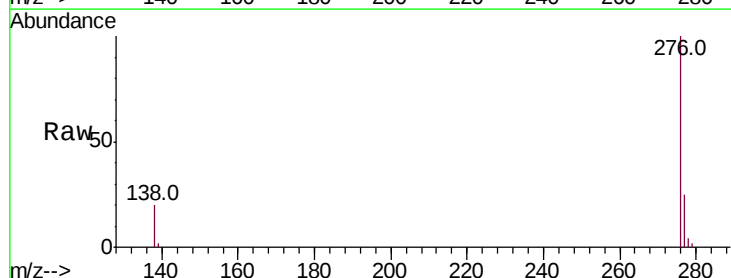
Tgt Ion:276 Resp: 33785

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

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

