

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007852.D
 Acq On : 25 Sep 2019 14:00
 Operator : JU
 Sample : PB123248BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123248BS

Quant Time: Sep 26 03:52:39 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	7951	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	31016	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	18967	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	39005	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34790	0.40	ng	-0.01
34) Perylene-d12	23.47	264	33273	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	9033	0.33	ng	0.00
5) Phenol-d6	6.86	99	11445	0.33	ng	0.00
8) Nitrobenzene-d5	8.83	82	10153	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	22231	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2479	0.24	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	31820	0.41	ng	-0.01
25) Fluoranthene-d10	19.09	212	48689	0.37	ng	-0.01
29) Terphenyl-d14	19.70	244	41175	0.48	ng	-0.01

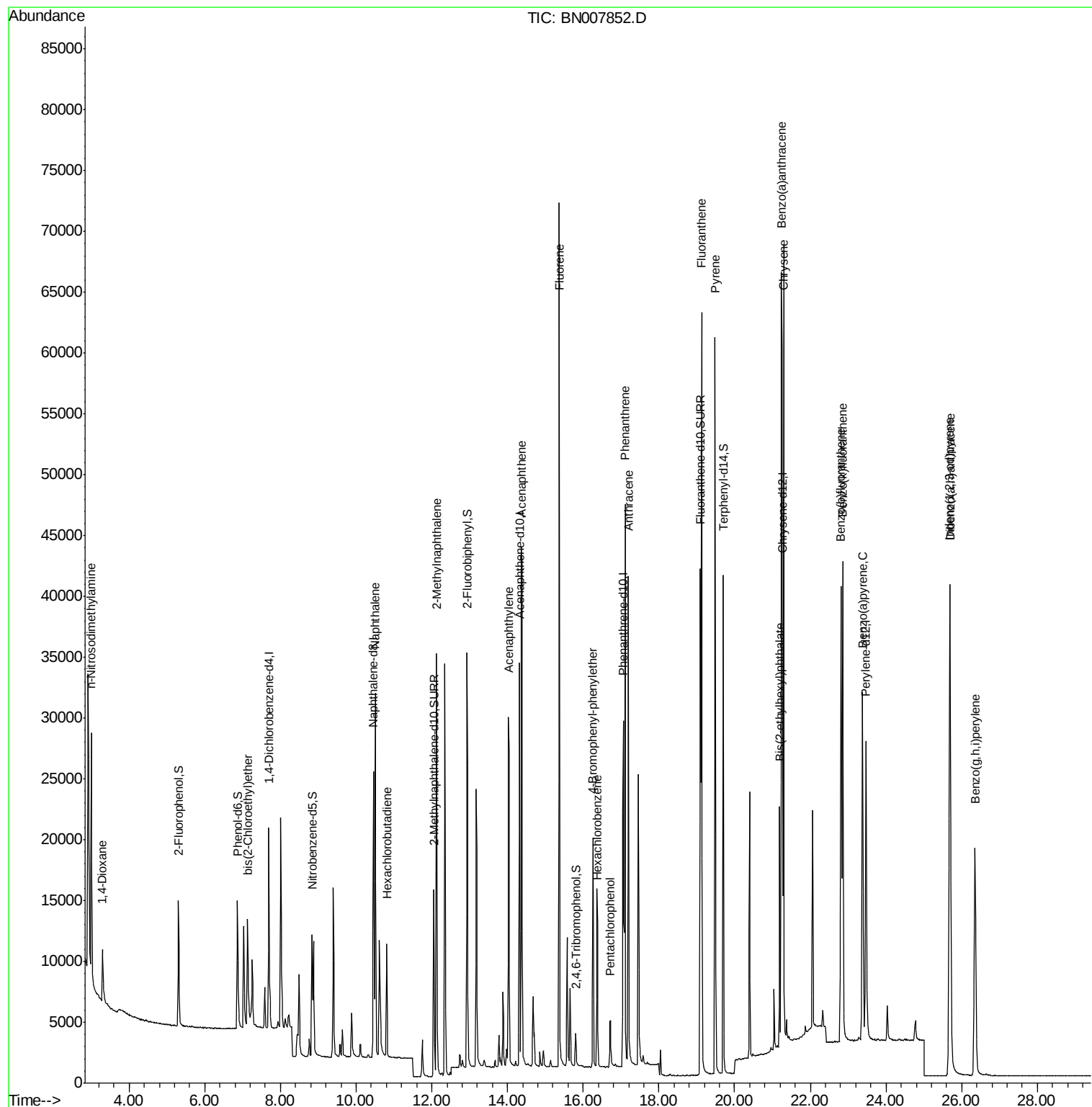
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3793	0.428	ng	# 86
3) n-Nitrosodimethylamine	3.00	42	2646	0.652	ng	98
6) bis(2-Chloroethyl)ether	7.13	93	9294	0.413	ng	98
9) Naphthalene	10.51	128	37239	0.428	ng	100
10) Hexachlorobutadiene	10.81	225	7927	0.432	ng	# 100
12) 2-Methylnaphthalene	12.13	142	25280	0.430	ng	99
16) Acenaphthylene	14.02	152	36410	0.362	ng	100
17) Acenaphthene	14.38	154	24549	0.379	ng	96
18) Fluorene	15.36	166	31569	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	10375	0.438	ng	# 74
21) Hexachlorobenzene	16.38	284	11948	0.462	ng	99
22) Pentachlorophenol	16.72	266	2619	0.274	ng	98
23) Phenanthrene	17.10	178	52524	0.432	ng	100
24) Anthracene	17.19	178	43833	0.399	ng	100
26) Fluoranthene	19.12	202	57323	0.379	ng	99
28) Pyrene	19.49	202	56490	0.476	ng	100
30) Benzo(a)anthracene	21.24	228	49273	0.385	ng	99
31) Chrysene	21.29	228	52683	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	17158	0.260	ng	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	50747	0.325	ng	99
35) Benzo(b)fluoranthene	22.81	252	46642	0.404	ng	100
36) Benzo(k)fluoranthene	22.85	252	52746	0.462	ng	99
37) Benzo(a)pyrene	23.38	252	43171	0.398	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	40760	0.367	ng	100
39) Benzo(g,h,i)perylene	26.35	276	40500	0.369	ng	99

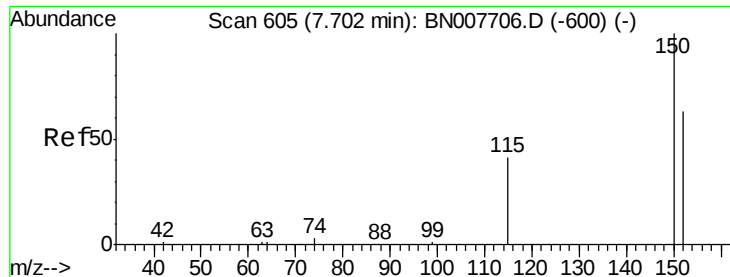
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

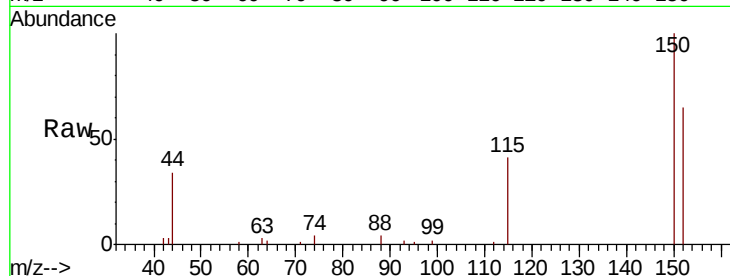
Tot Ion:152 Resp: 7951

Ion Ratio Lower Upper

152 100

150 152.8 125.6 188.4

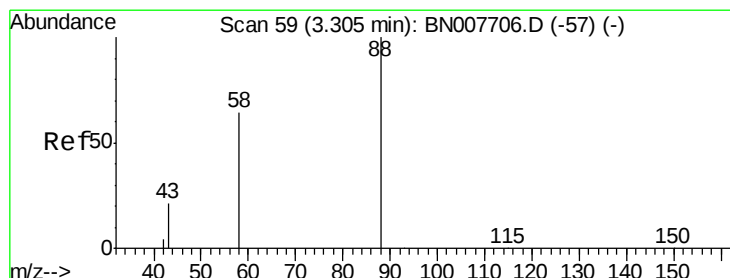
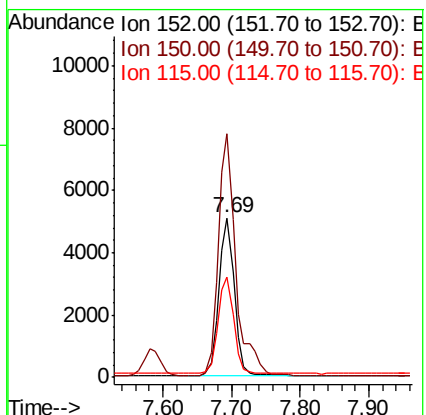
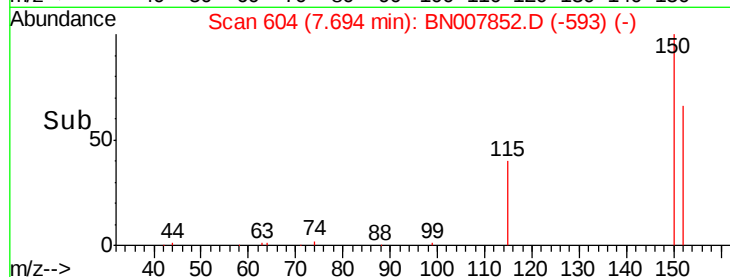
115 62.5 53.3 79.9



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: 0.428 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

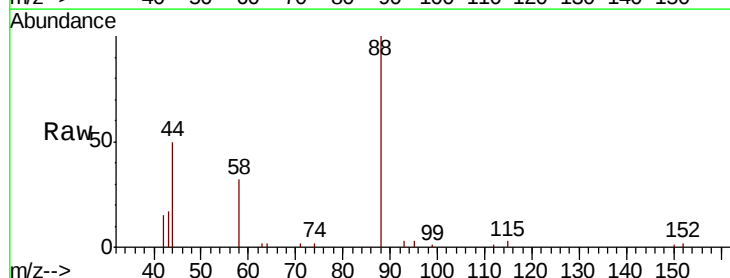
Tgt Ion: 88 Resp: 3793

Ion Ratio Lower Upper

88 100

58 67.2 44.6 66.8#

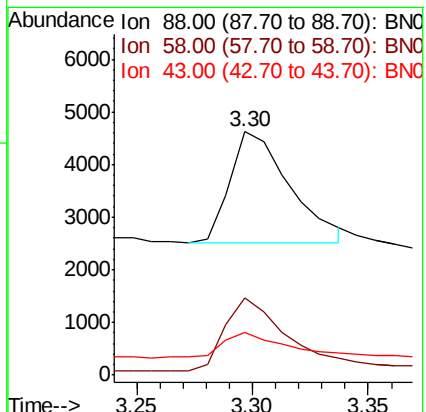
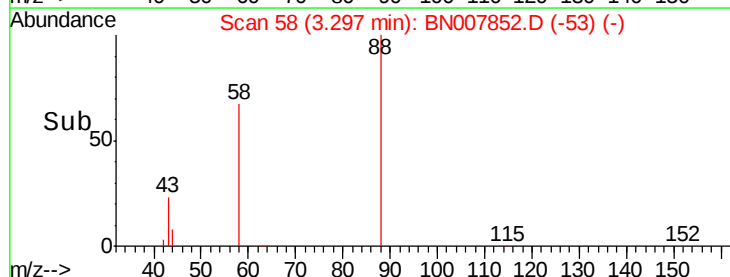
43 22.4 14.4 21.6#

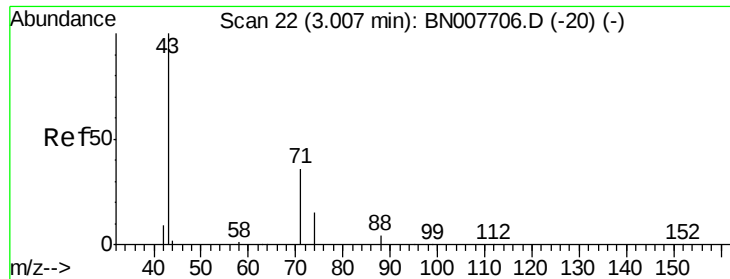


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



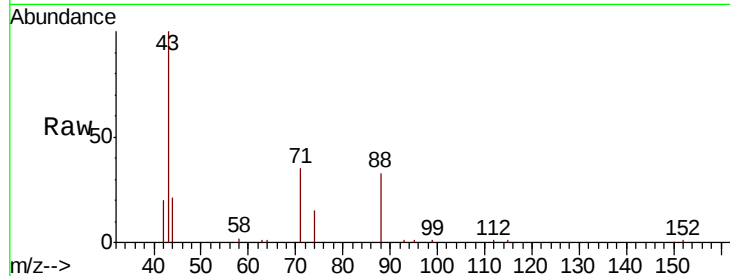


#3

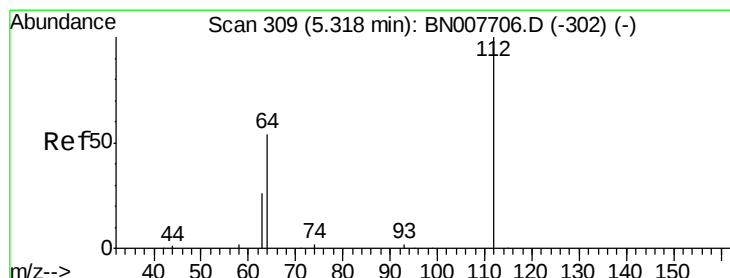
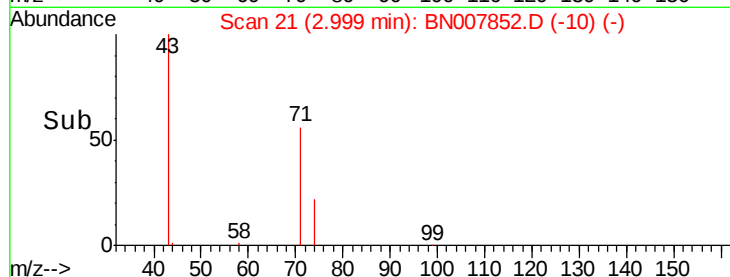
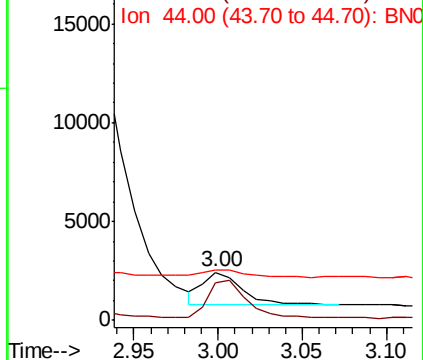
n-Nitrosodimethylamine
 Concen: 0.652 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007852.D
 Acq: 25 Sep 2019 14:00

Instrument :
 BNA_N
 ClientSampleId :
 PB123248BS

Tot Ion: 42 Resp: 2646
 Ion Ratio Lower Upper
 42 100
 74 110.7 87.9 131.9
 44 32.7 29.4 44.0



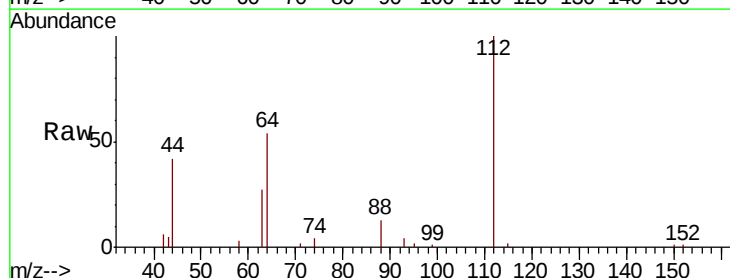
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



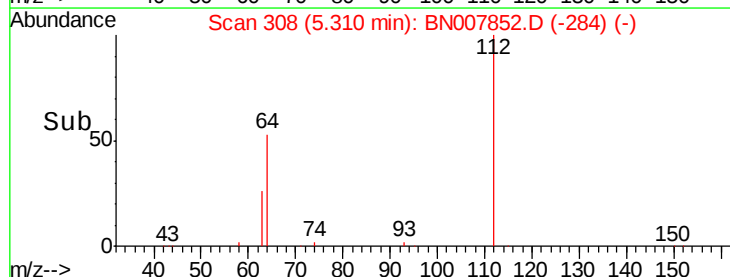
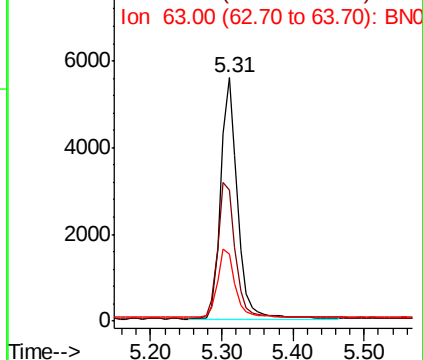
#4

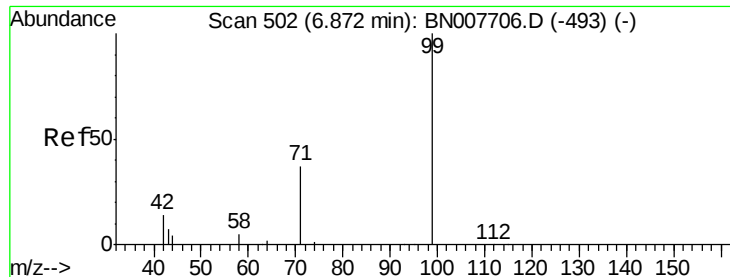
2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007852.D
 Acq: 25 Sep 2019 14:00

Tgt Ion: 112 Resp: 9033
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.6 70.0
 63 29.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

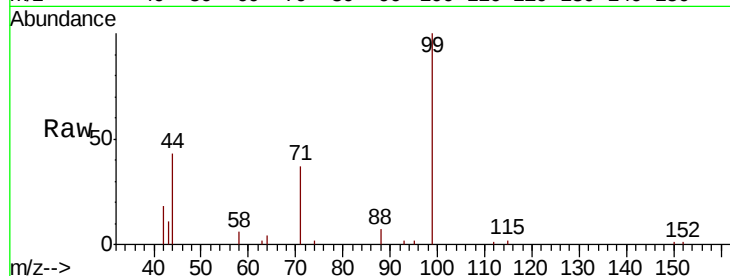
Tot Ion: 99 Resp: 11445

Ion Ratio Lower Upper

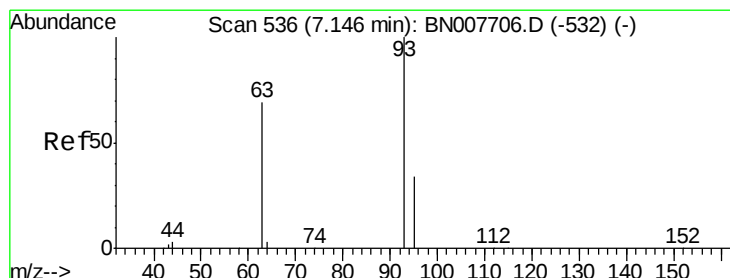
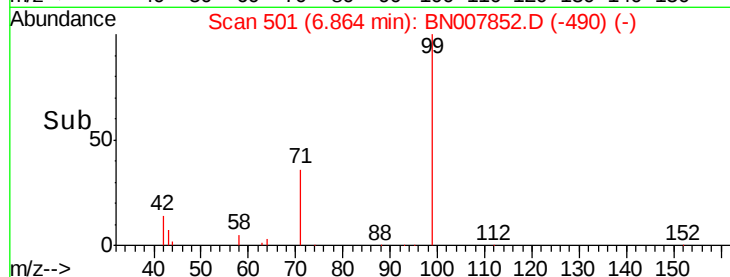
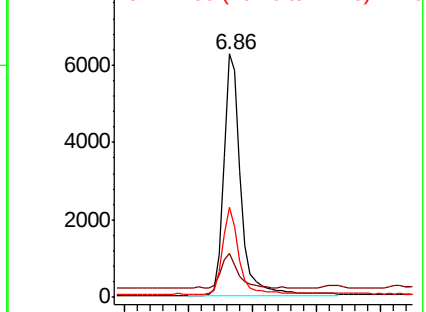
99 100

42 14.2 12.8 19.2

71 34.8 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

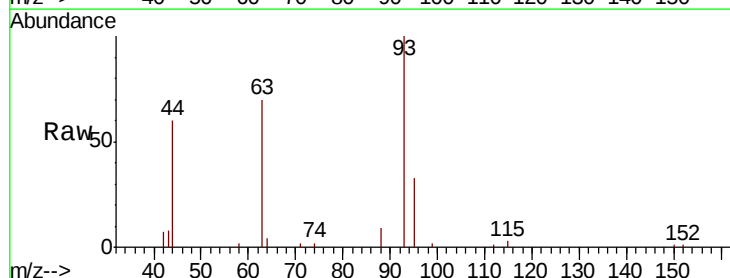
Tgt Ion: 93 Resp: 9294

Ion Ratio Lower Upper

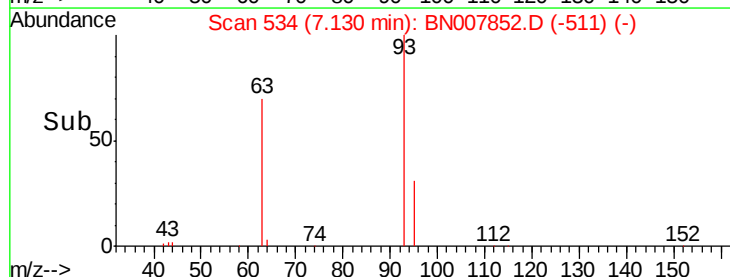
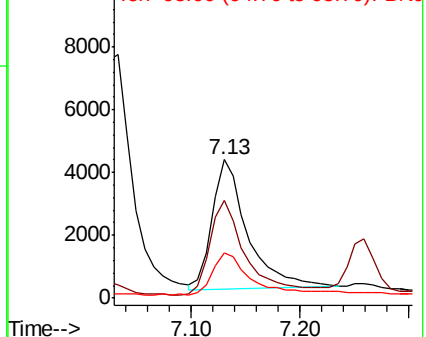
93 100

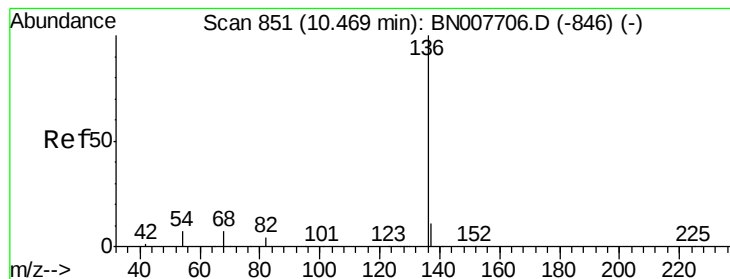
63 75.7 59.3 88.9

95 37.4 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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

Tot Ion:136 Resp: 31016

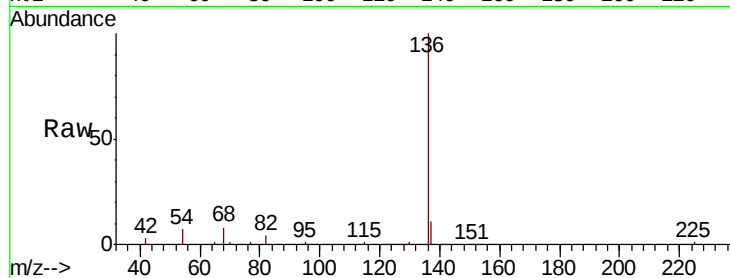
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.7 5.8 8.8

68 7.5 6.5 9.7

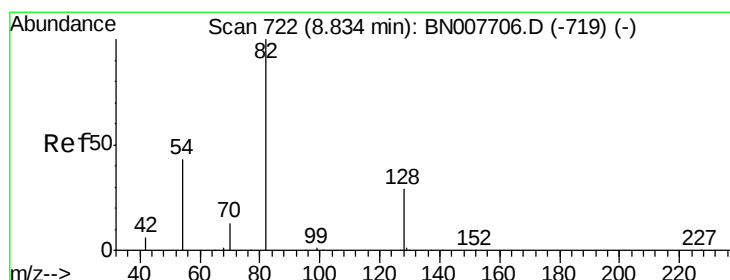
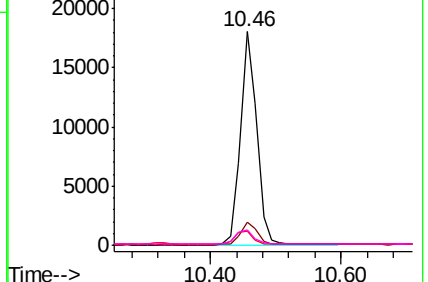
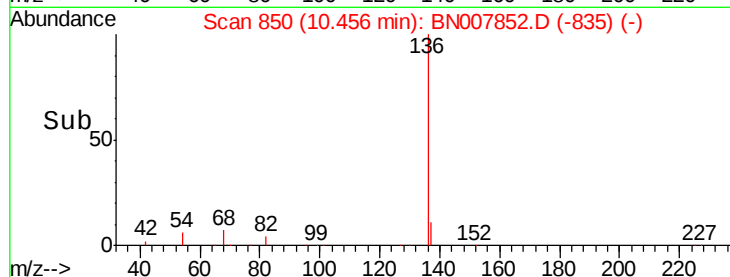


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

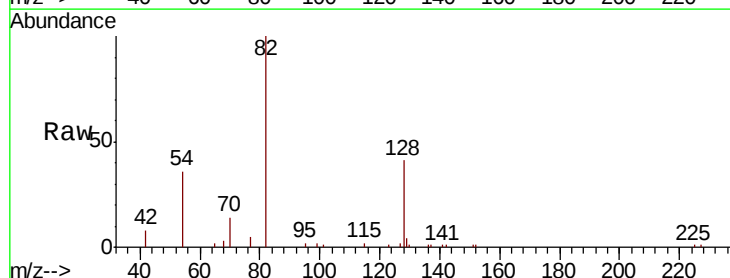
Tgt Ion: 82 Resp: 10153

Ion Ratio Lower Upper

82 100

128 40.6 24.5 36.7#

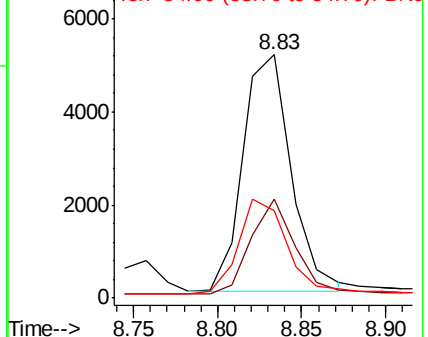
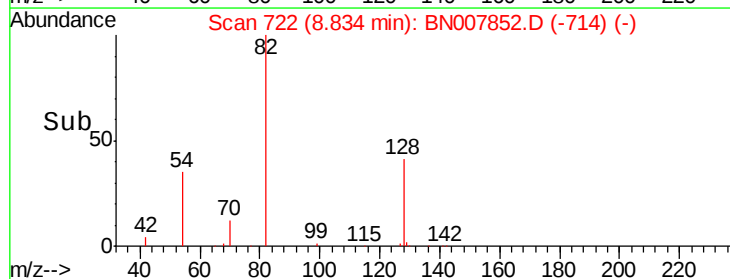
54 35.9 35.2 52.8

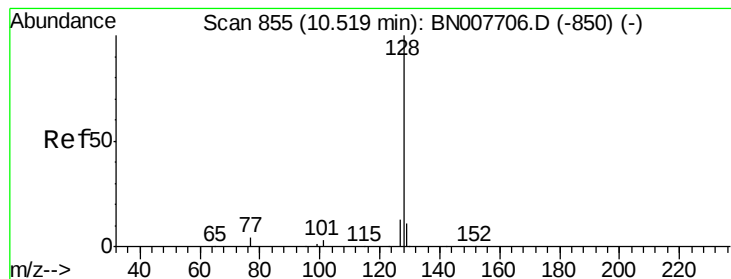


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.428 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

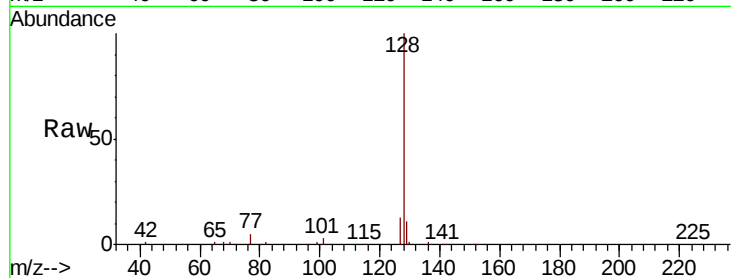
Tot Ion:128 Resp: 37239

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

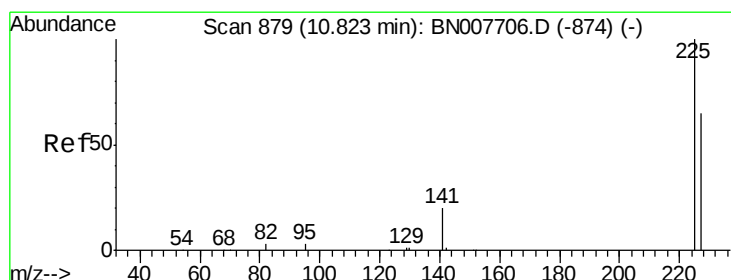
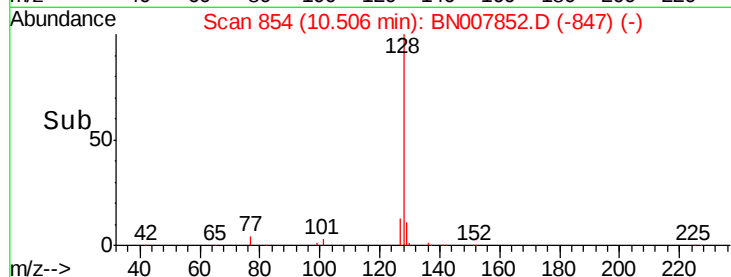
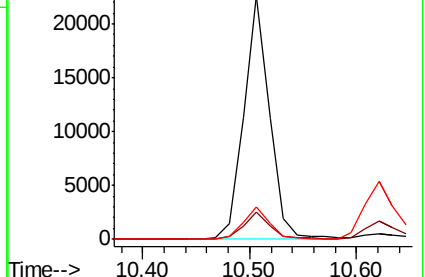
127 13.1 10.6 15.8



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: 0.432 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

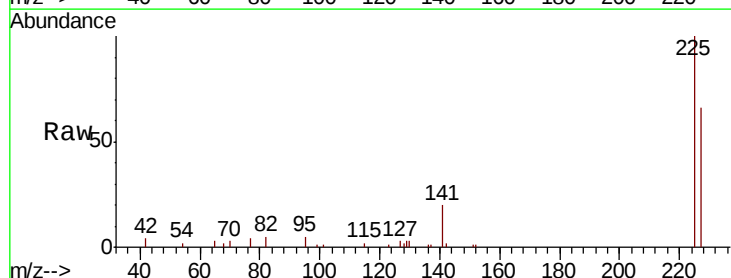
Tgt Ion:225 Resp: 7927

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

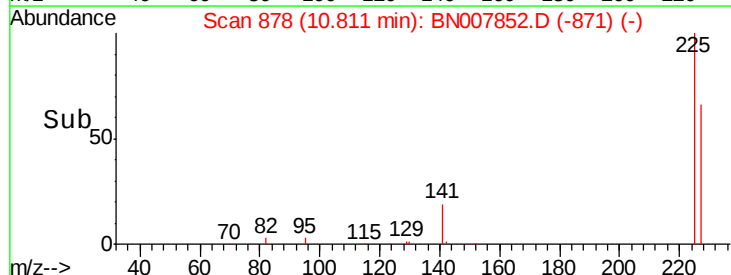
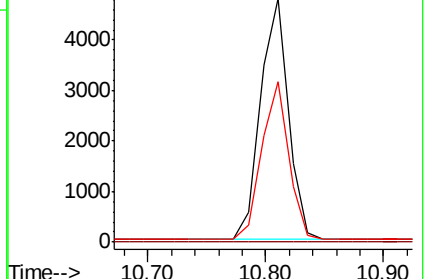
227 63.9 51.2 76.8

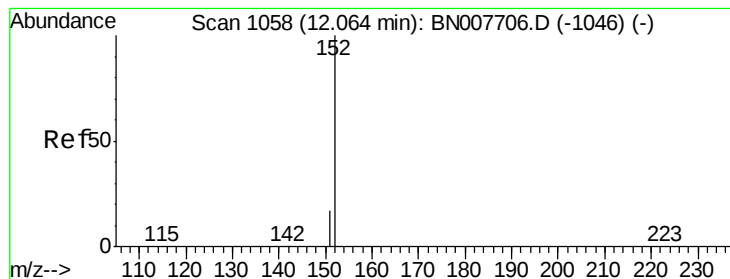


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

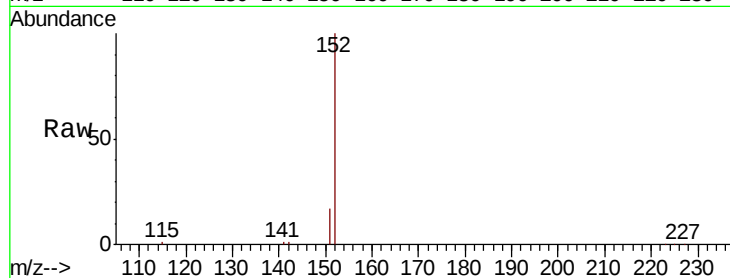
PB123248BS

Tot Ion:152 Resp: 22231

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.05

15000

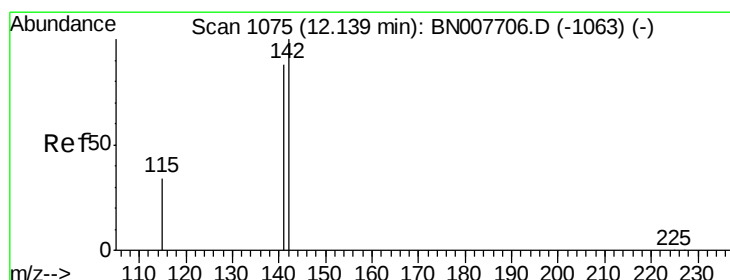
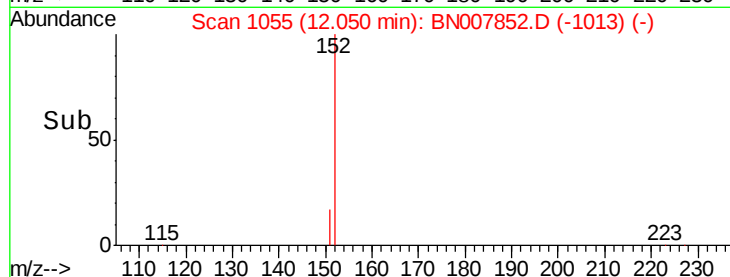
10000

5000

0

Time-->

12.00 12.20



#12

2-Methylnaphthalene

Concen: 0.430 ng

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

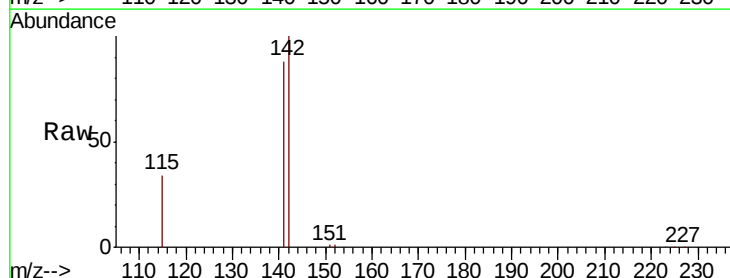
Tgt Ion:142 Resp: 25280

Ion Ratio Lower Upper

142 100

141 88.3 70.6 106.0

115 34.4 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

12.13

20000

15000

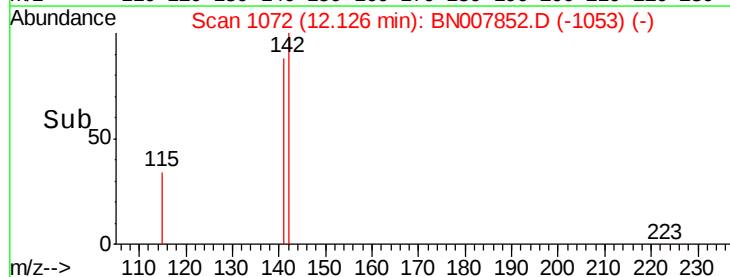
10000

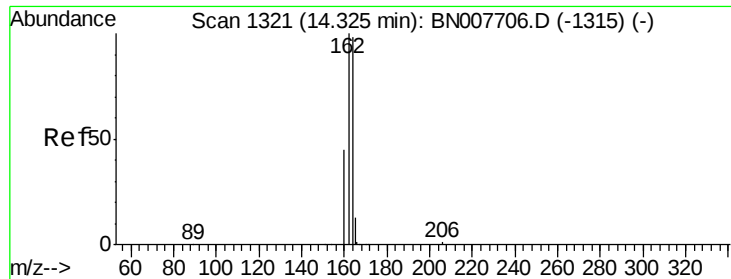
5000

0

Time-->

12.00 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

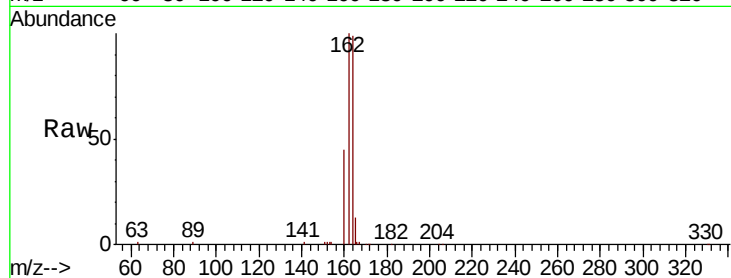
Tot Ion:164 Resp: 18967

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

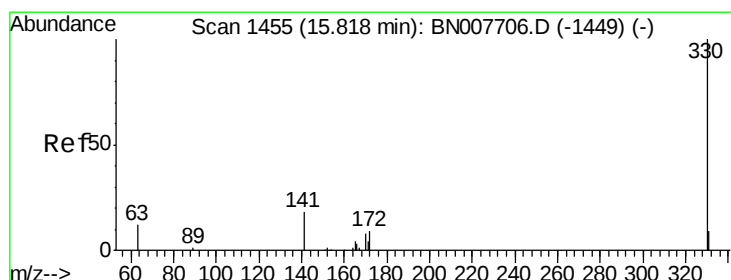
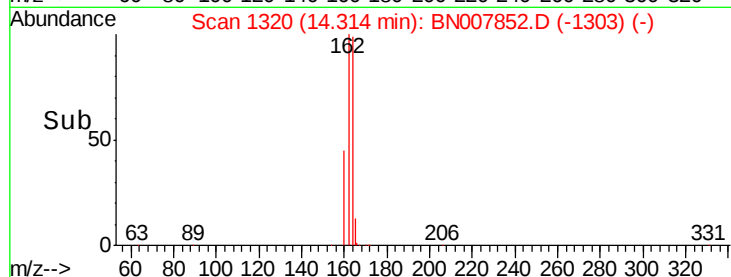
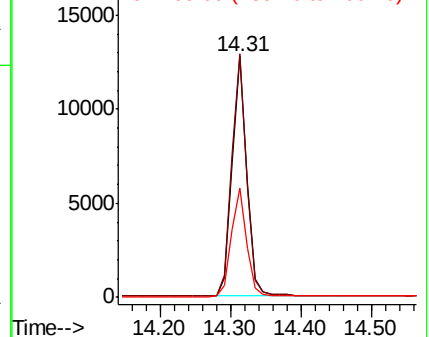
160 45.5 37.0 55.4



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: 0.240 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

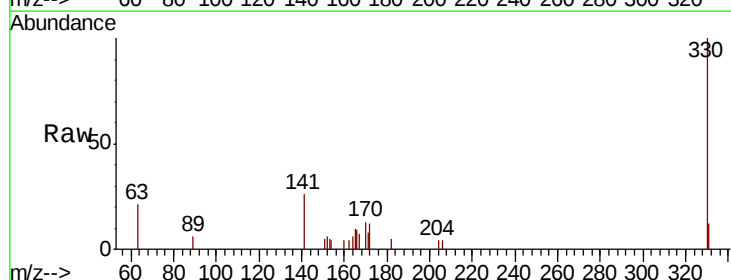
Tgt Ion:330 Resp: 2479

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

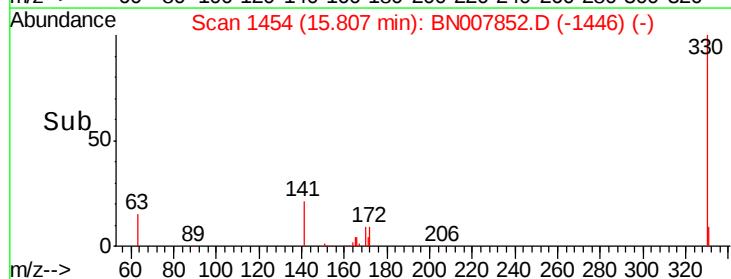
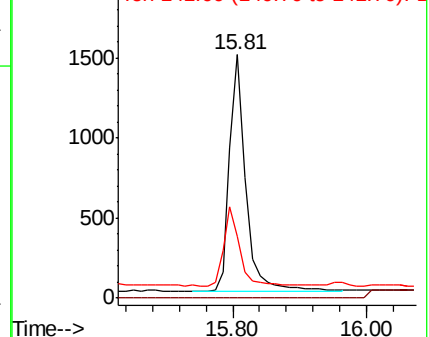
141 34.0 28.7 43.1

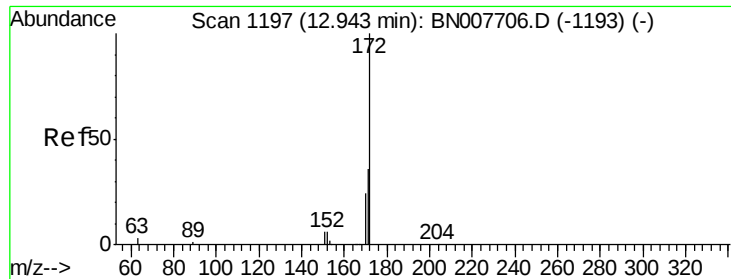


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

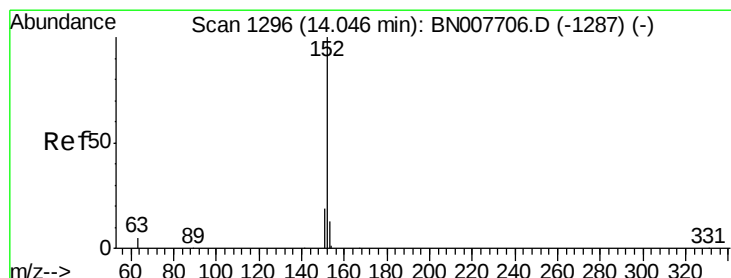
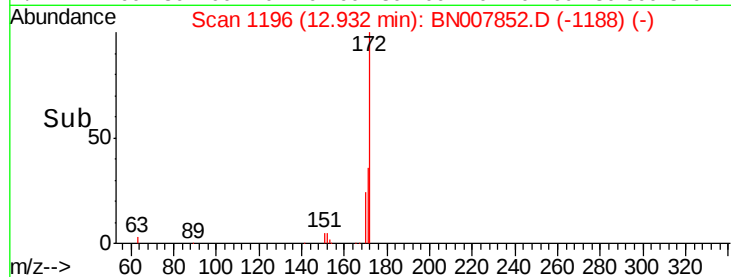
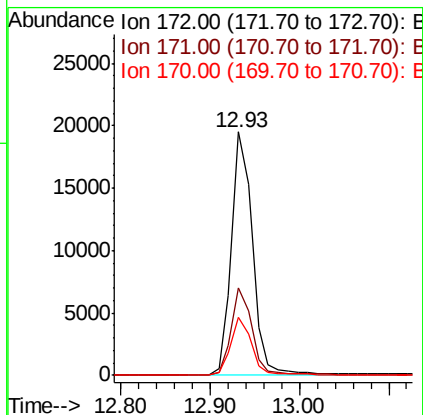
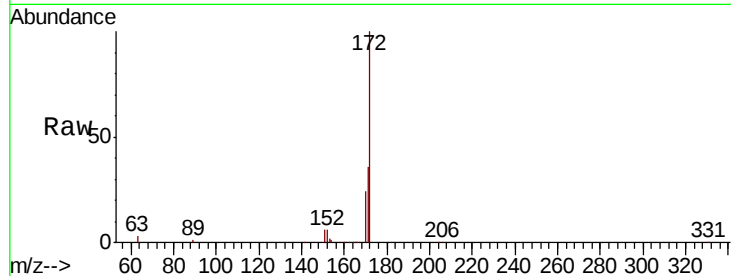




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

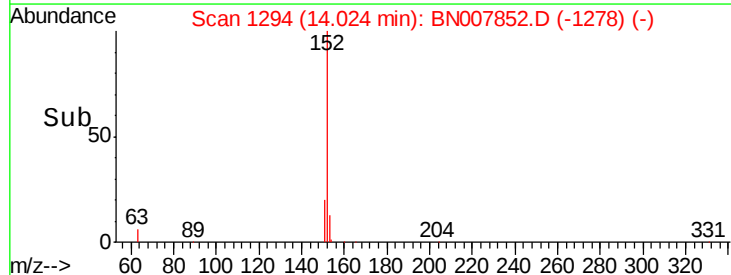
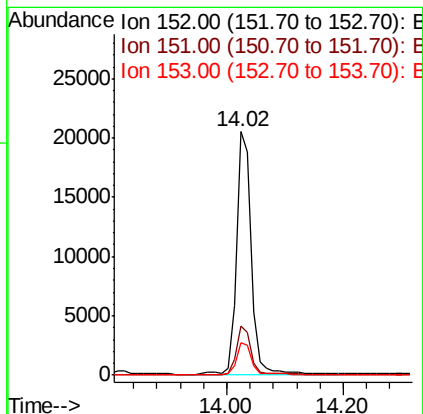
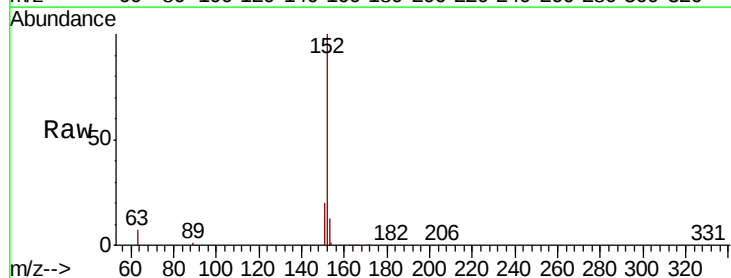
Instrument :
BNA_N
ClientSampleId :
PB123248BS

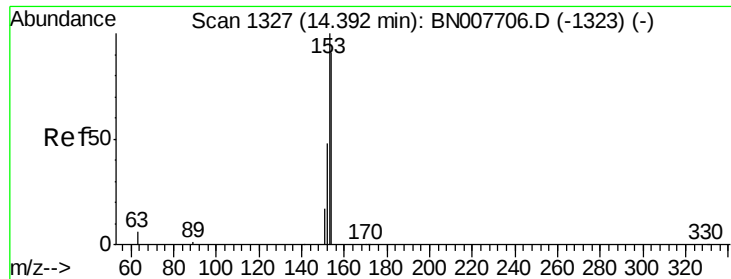
Tot Ion:172 Resp: 31820
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:152 Resp: 36410
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

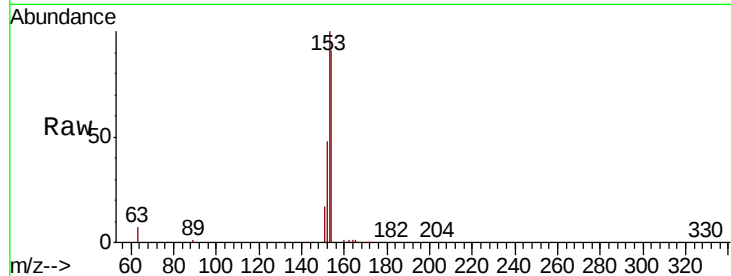
Tot Ion:154 Resp: 24549

Ion Ratio Lower Upper

154 100

153 113.3 87.0 130.4

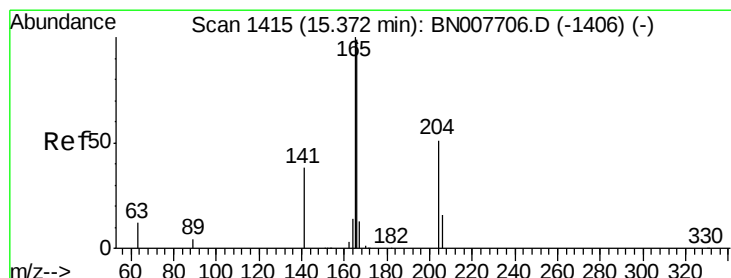
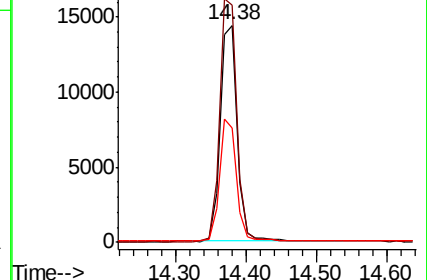
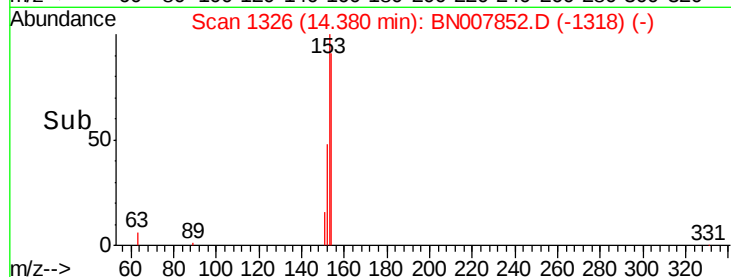
152 56.5 42.7 64.1



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: 0.380 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

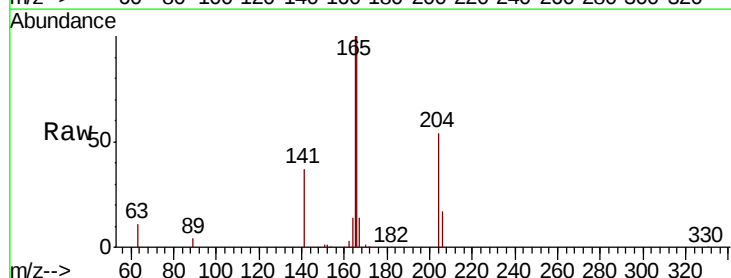
Tgt Ion:166 Resp: 31569

Ion Ratio Lower Upper

166 100

165 98.4 78.0 117.0

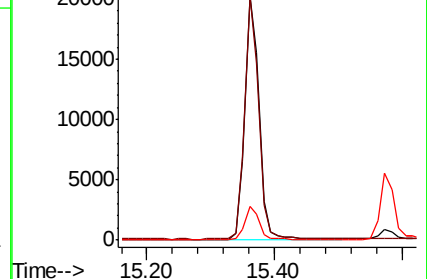
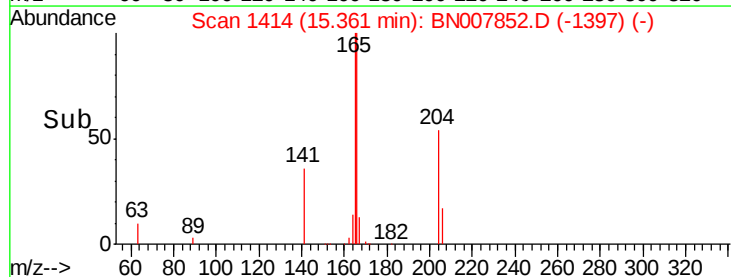
167 13.4 10.9 16.3

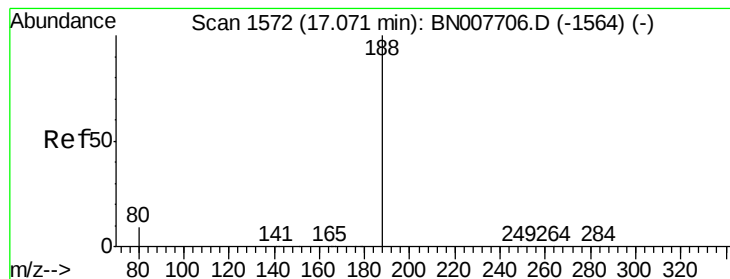


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

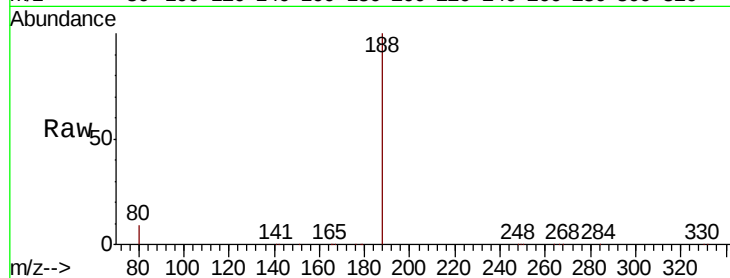
Tot Ion:188 Resp: 39005

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

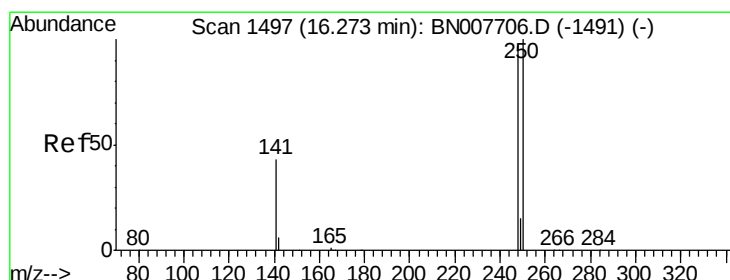
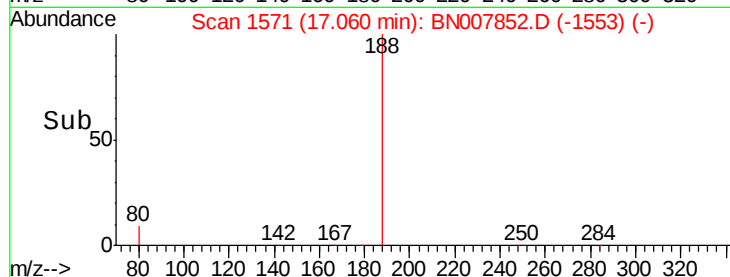
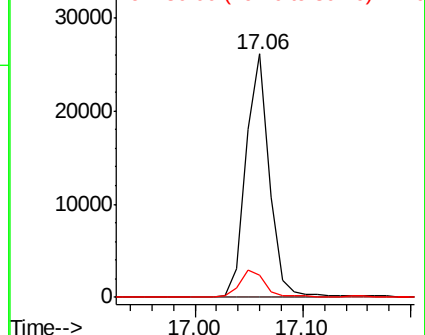
80 8.9 7.4 11.2



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: 0.438 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

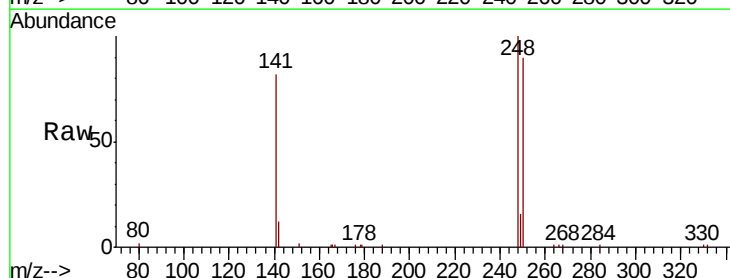
Tgt Ion:248 Resp: 10375

Ion Ratio Lower Upper

248 100

250 90.4 82.2 123.4

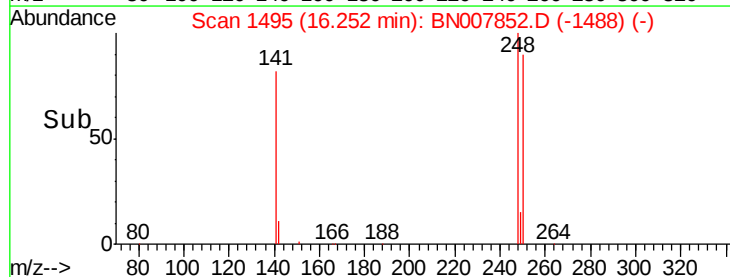
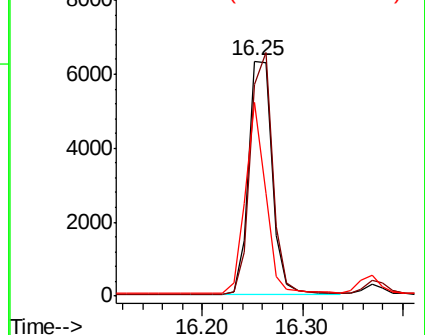
141 82.3 36.3 54.5#

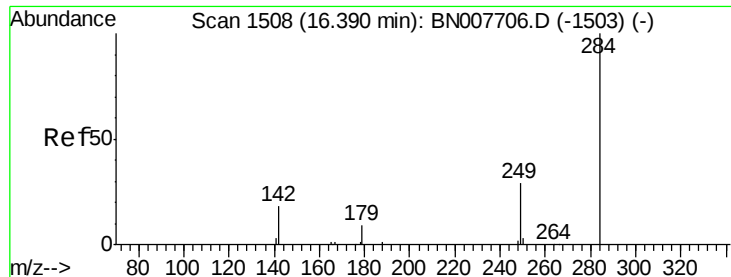


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

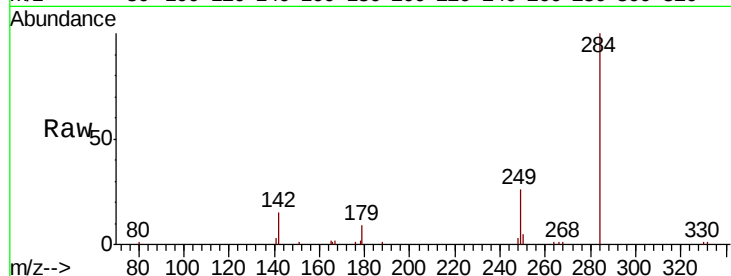




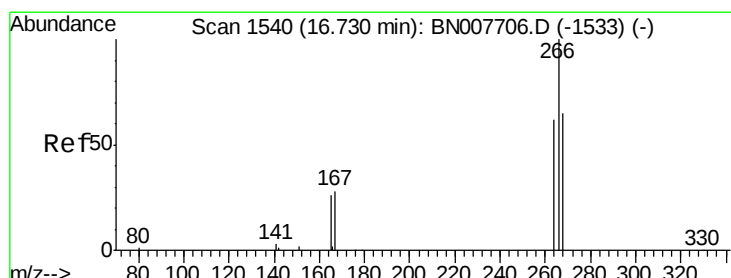
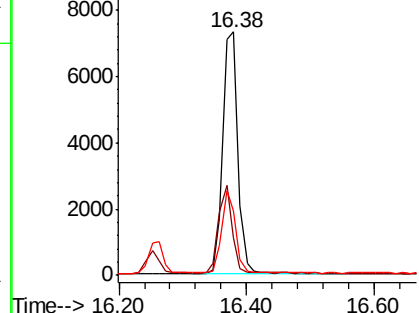
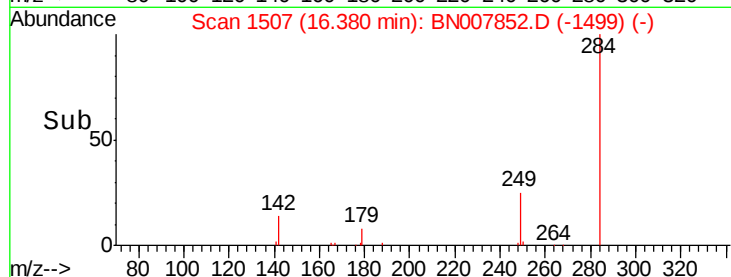
#21
Hexachlorobenzene
Concen: 0.462 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Instrument :
BNA_N
ClientSampleId :
PB123248BS

Tot Ion:284 Resp: 11948
Ion Ratio Lower Upper
284 100
142 32.5 25.8 38.6
249 31.0 25.9 38.9

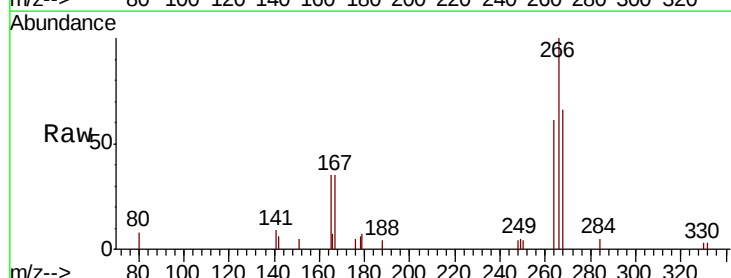


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

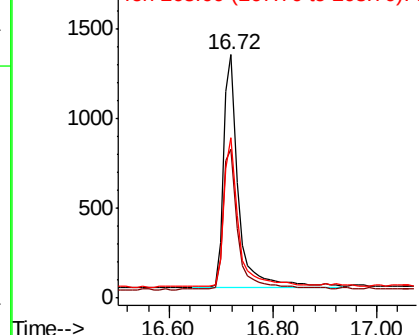
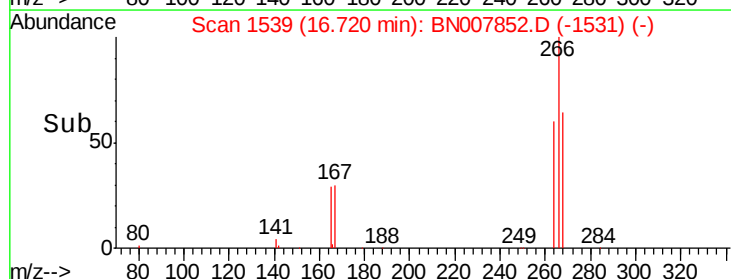


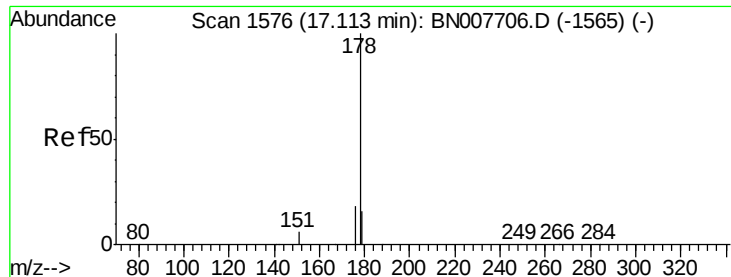
#22
Pentachlorophenol
Concen: 0.274 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:266 Resp: 2619
Ion Ratio Lower Upper
266 100
264 61.1 50.0 75.0
268 65.9 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: 0.432 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

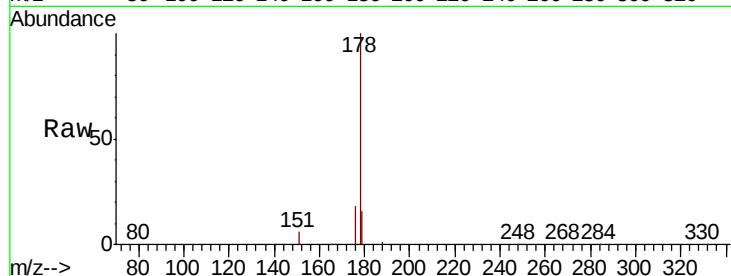
Tot Ion:178 Resp: 52524

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

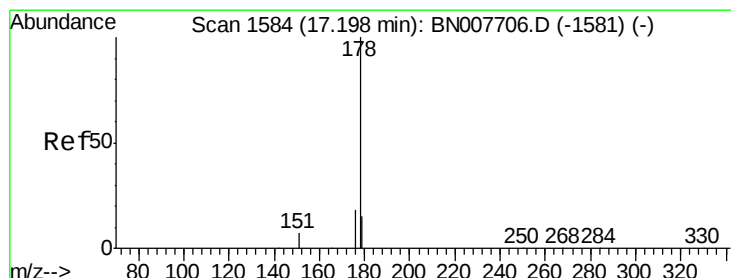
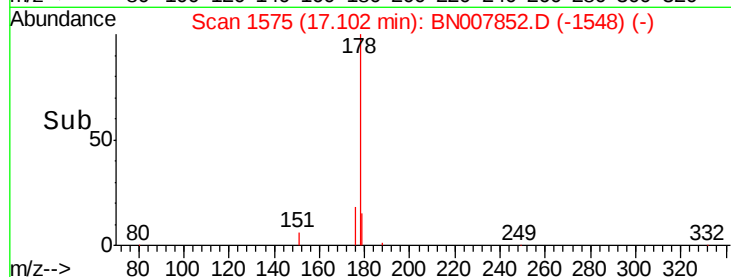
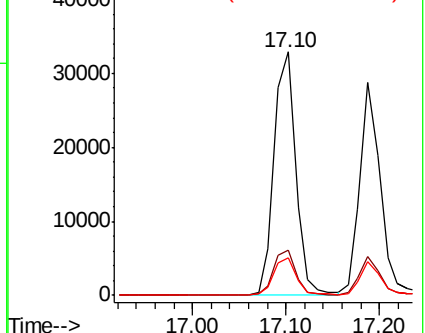
179 15.4 12.5 18.7



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: 0.399 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

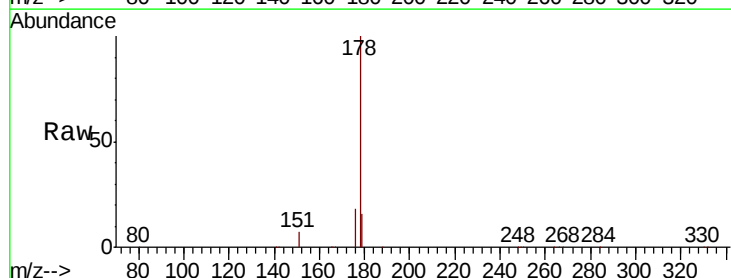
Tgt Ion:178 Resp: 43833

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

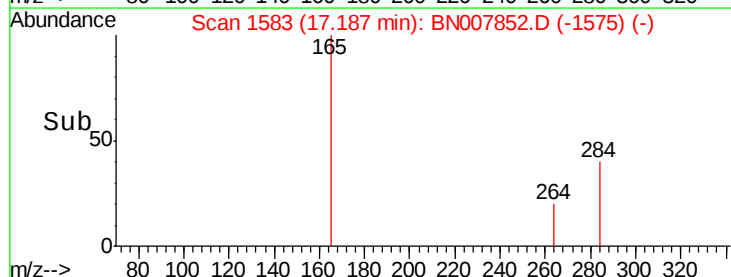
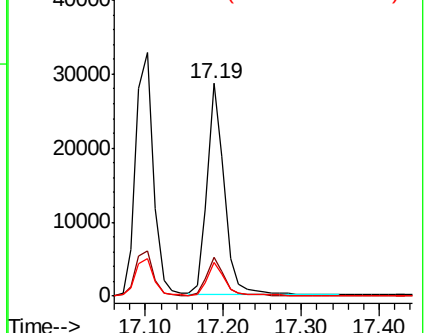
179 15.4 12.2 18.4

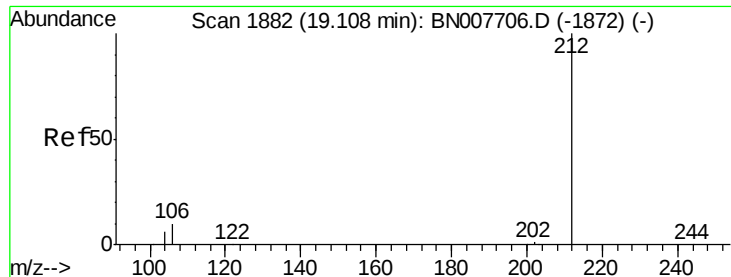


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

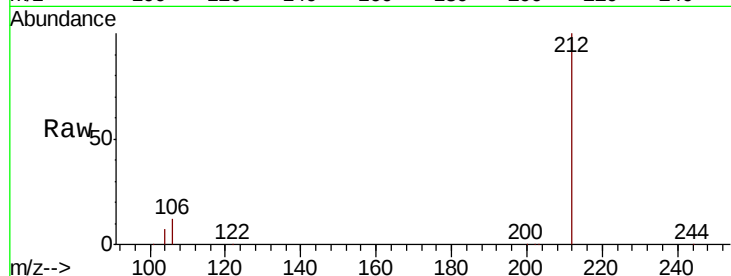
Tot Ion:212 Resp: 48689

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

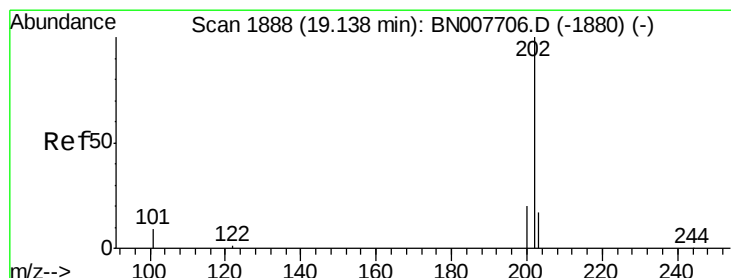
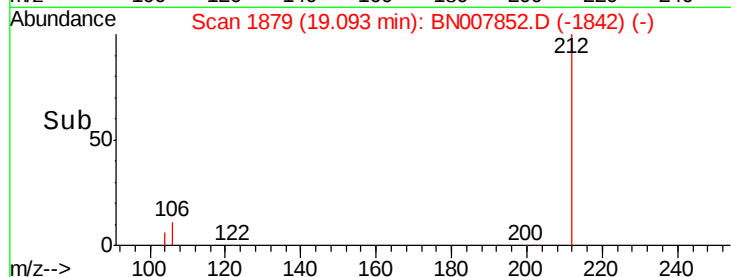
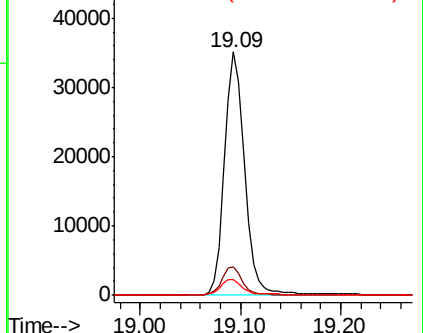
104 6.7 5.3 7.9



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: 0.379 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

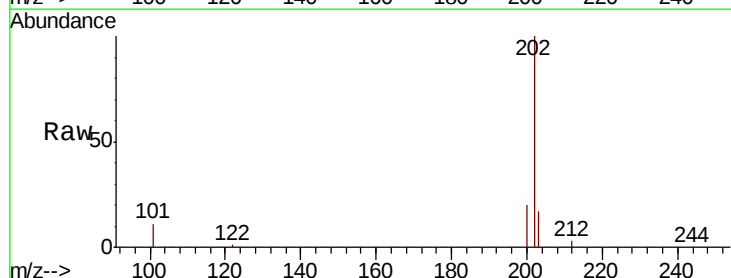
Tgt Ion:202 Resp: 57323

Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

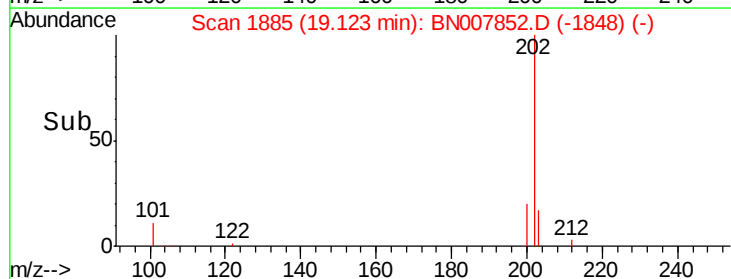
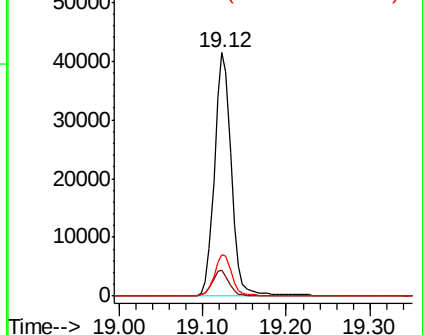
203 17.1 13.8 20.8

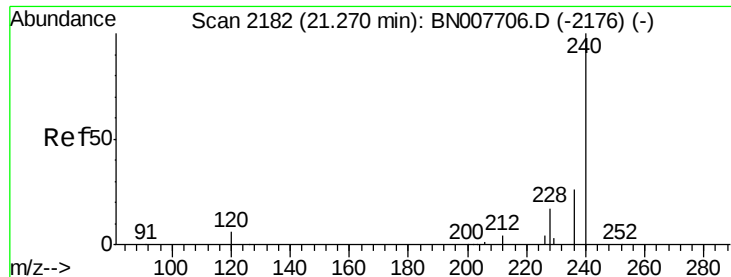


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

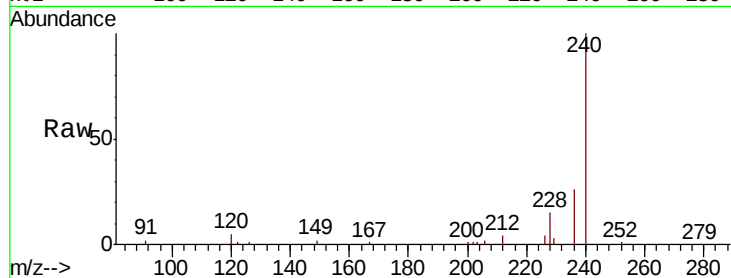
Tot Ion:240 Resp: 34790

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.2

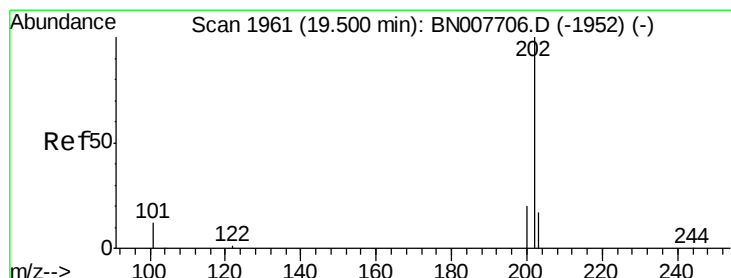
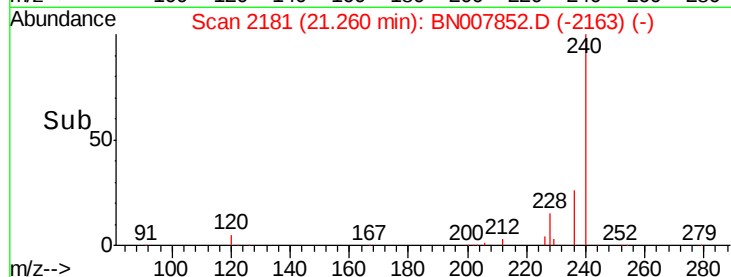
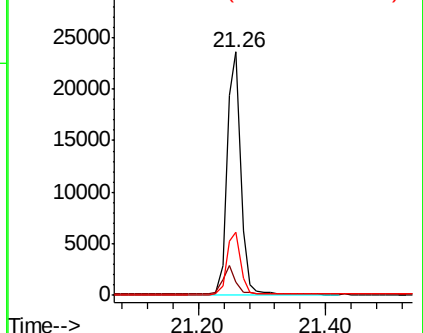
236 25.8 21.0 31.4



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: 0.476 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

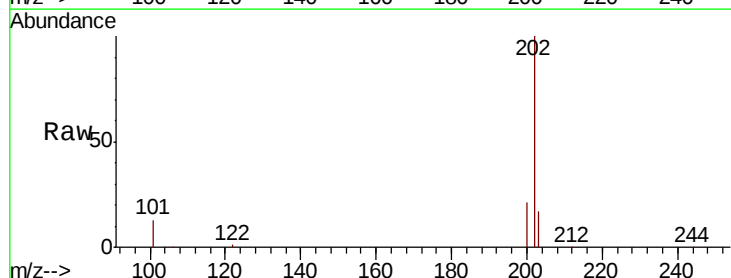
Tgt Ion:202 Resp: 56490

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

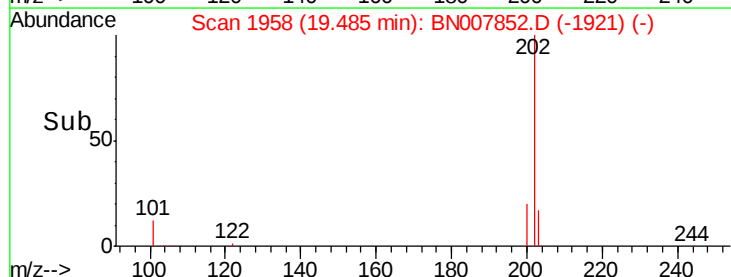
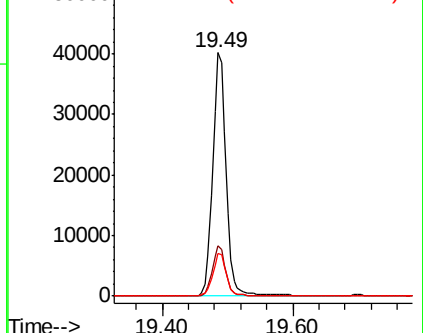
203 17.4 14.1 21.1

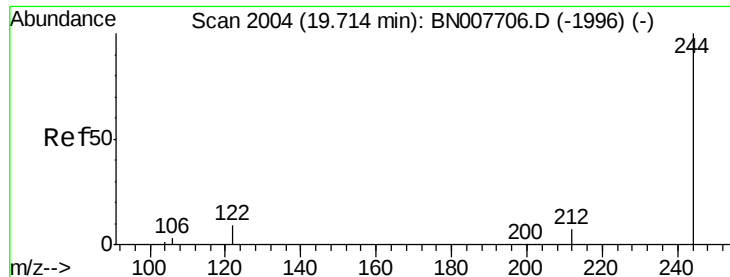


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.482 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

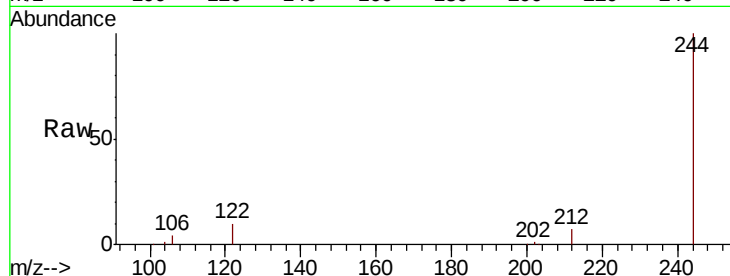
Tot Ion:244 Resp: 41175

Ion Ratio Lower Upper

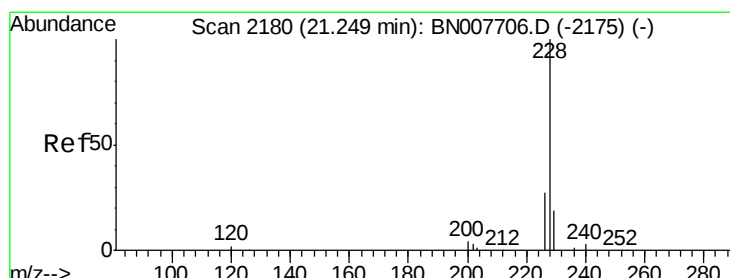
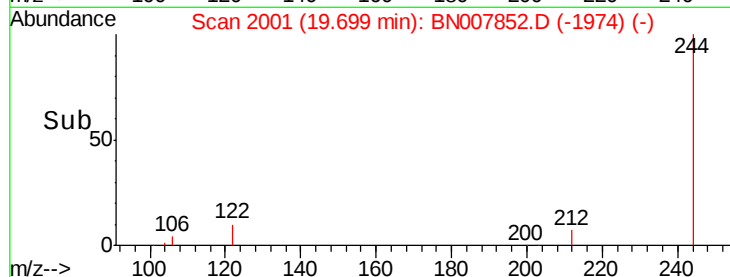
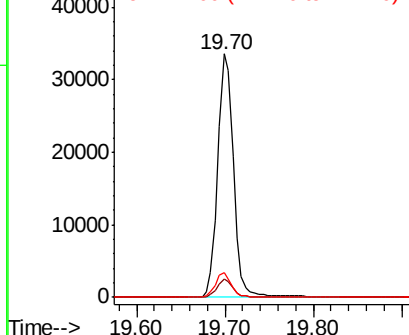
244 100

212 7.3 5.9 8.9

122 10.2 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: 0.385 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

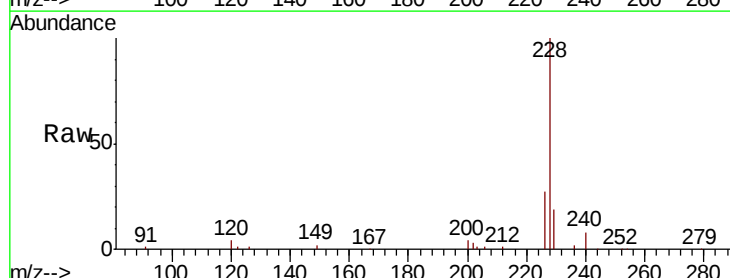
Tgt Ion:228 Resp: 49273

Ion Ratio Lower Upper

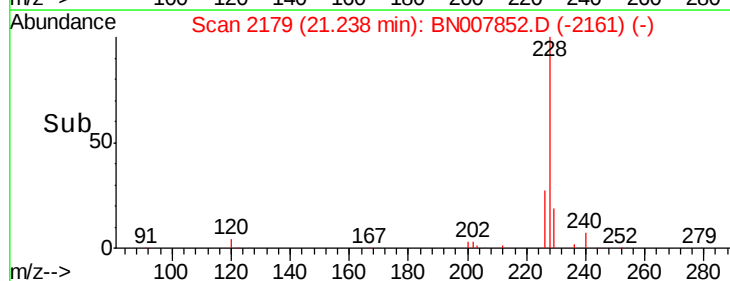
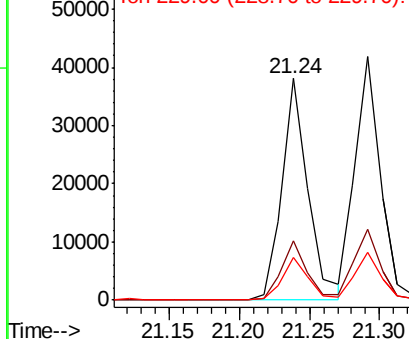
228 100

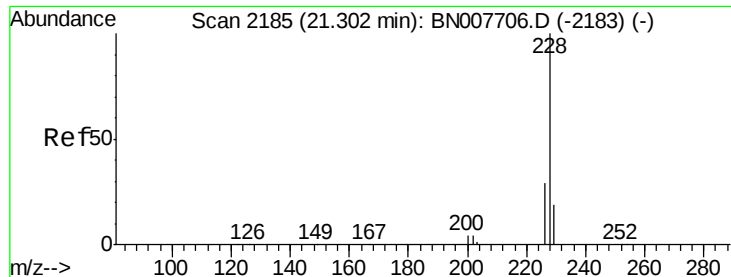
226 26.7 22.1 33.1

229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleID :

PB123248BS

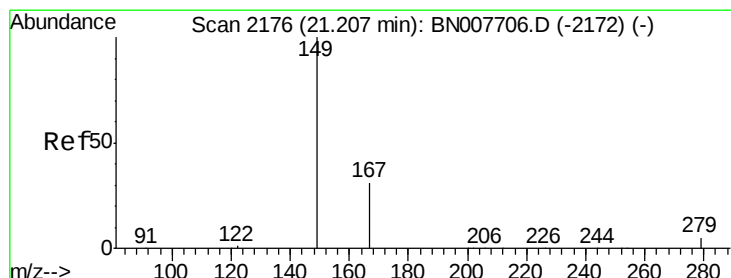
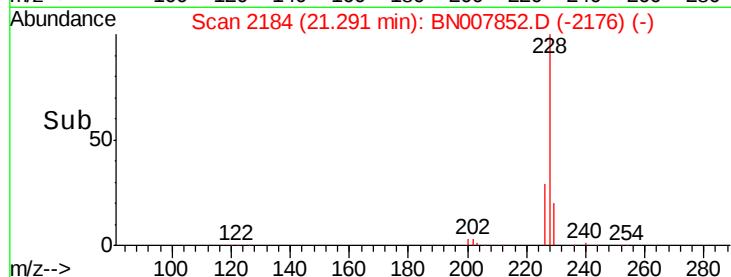
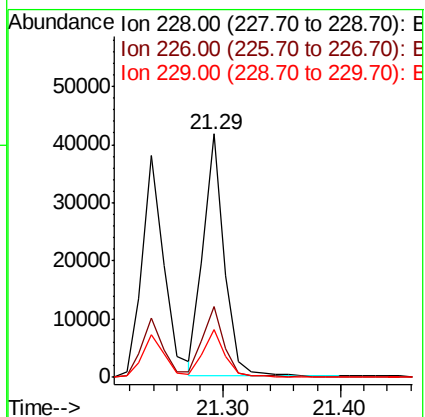
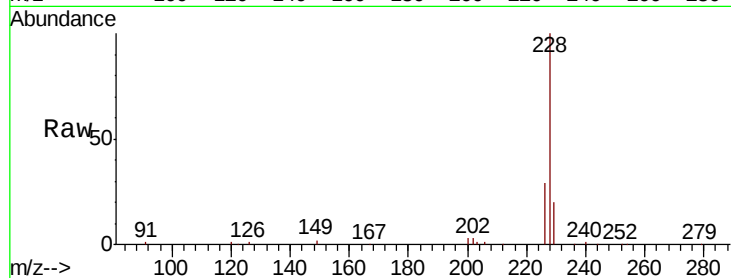
Tot Ion:228 Resp: 52683

Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

229 19.8 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.260 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

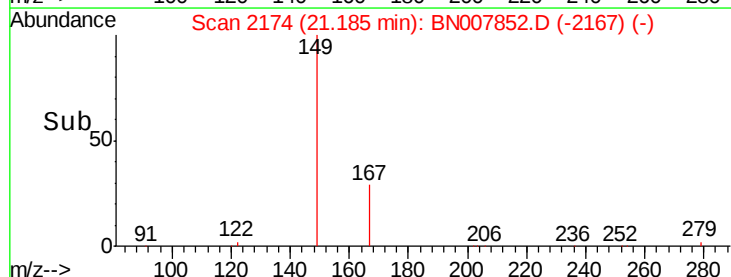
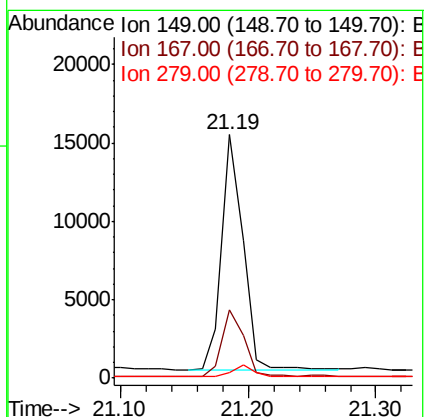
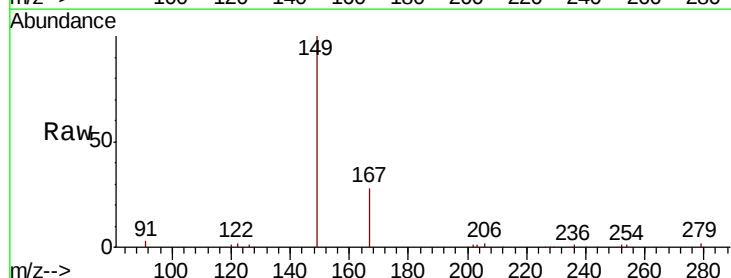
Tgt Ion:149 Resp: 17158

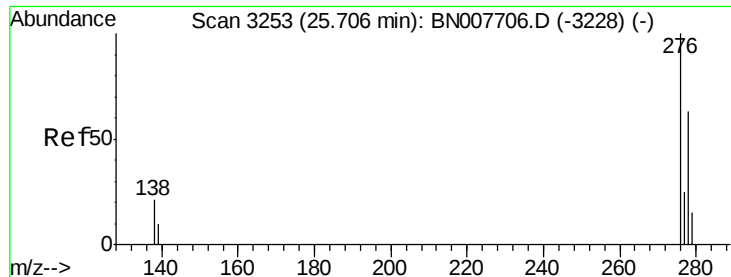
Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

279 5.2 4.2 6.2

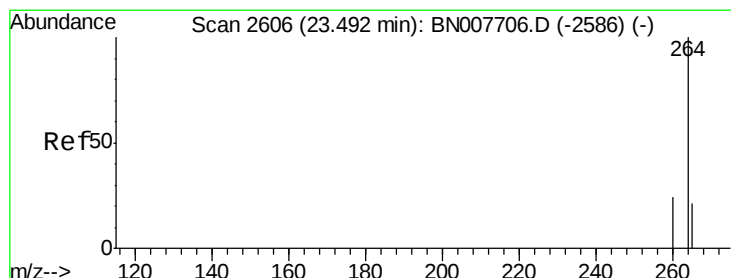
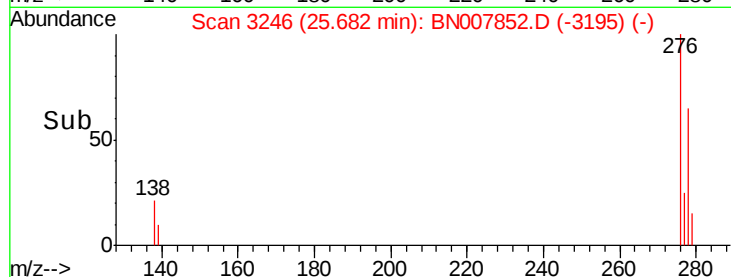
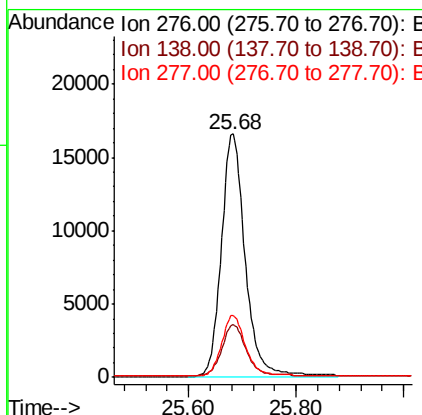
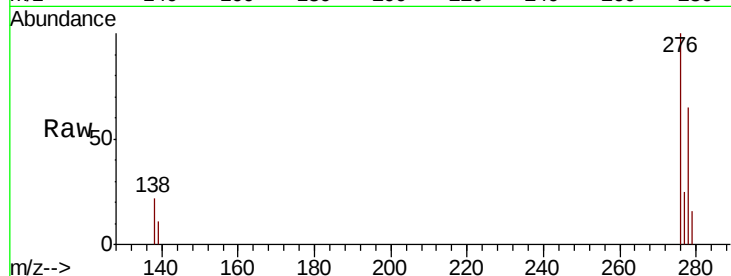




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

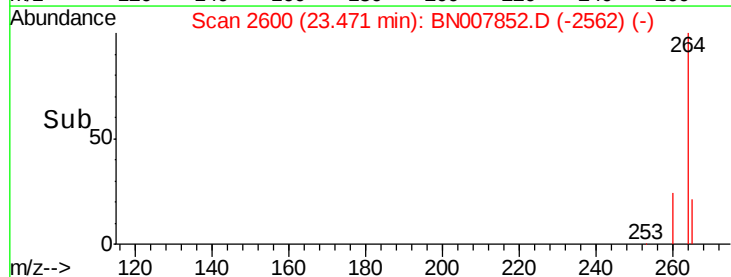
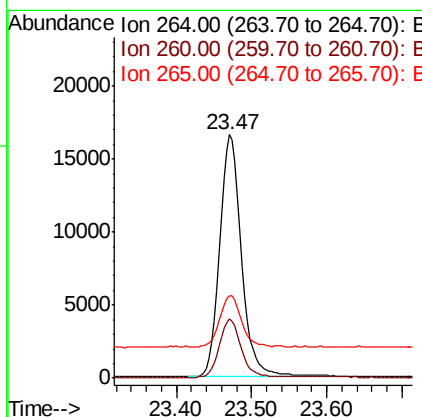
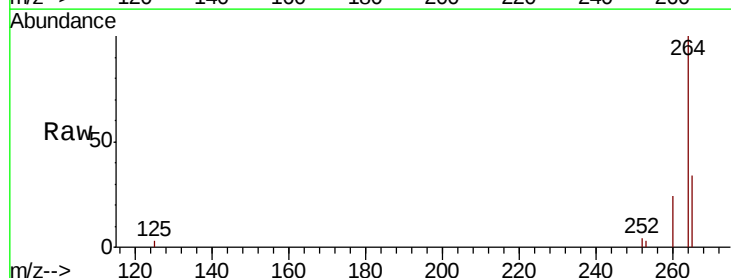
Instrument :
BNA_N
ClientSampleId :
PB123248BS

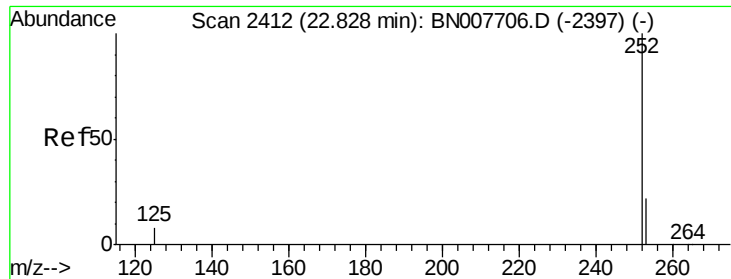
Tot Ion:276 Resp: 50747
Ion Ratio Lower Upper
276 100
138 21.9 17.1 25.7
277 24.9 20.0 30.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007852.D
Acq: 25 Sep 2019 14:00

Tgt Ion:264 Resp: 33273
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 33.9 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.81 min Scan# 2407

Delta R.T. -0.02 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

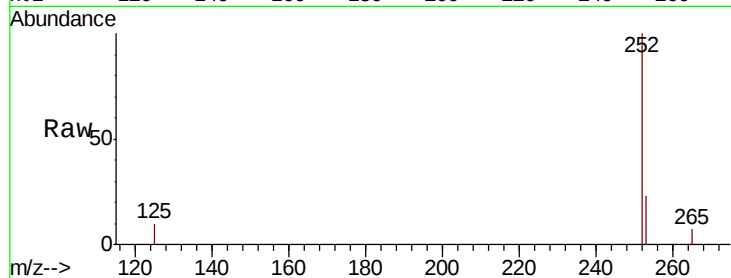
Tot Ion:252 Resp: 46642

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

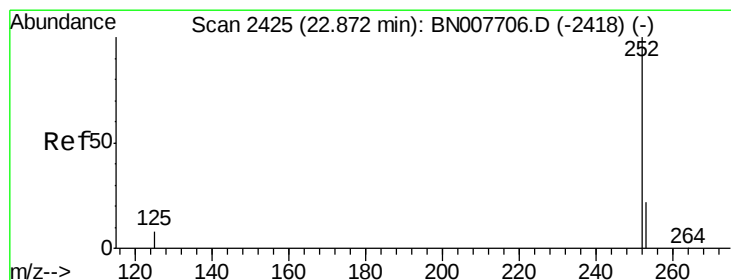
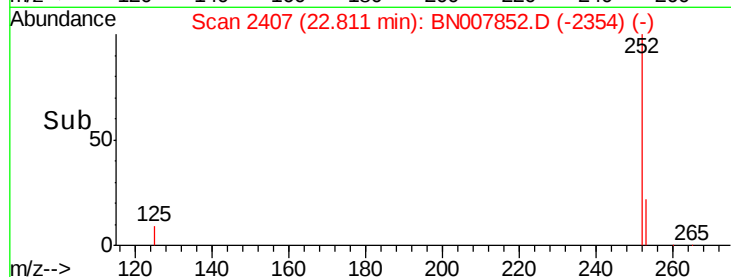
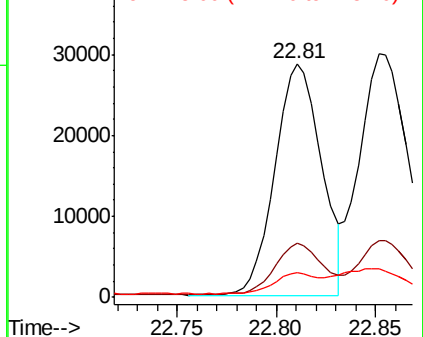
125 10.5 8.2 12.4



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: 0.462 ng

RT: 22.85 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

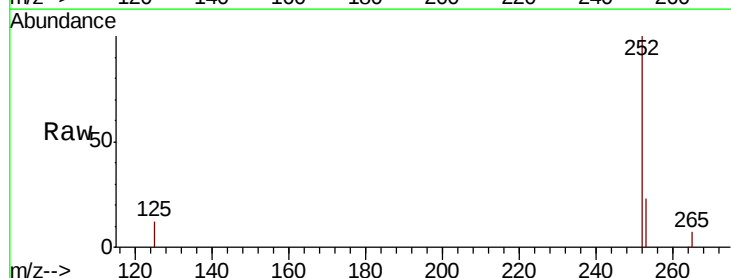
Tgt Ion:252 Resp: 52746

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

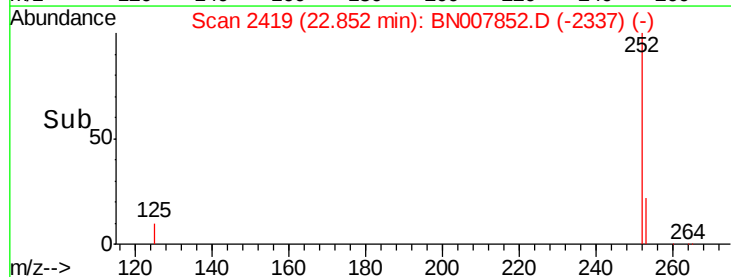
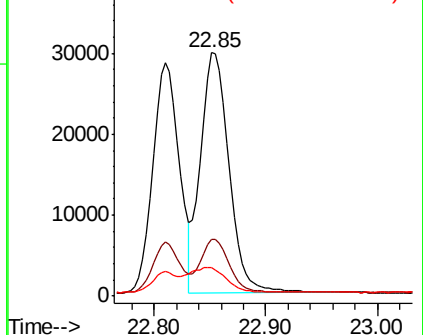
125 11.7 8.4 12.6

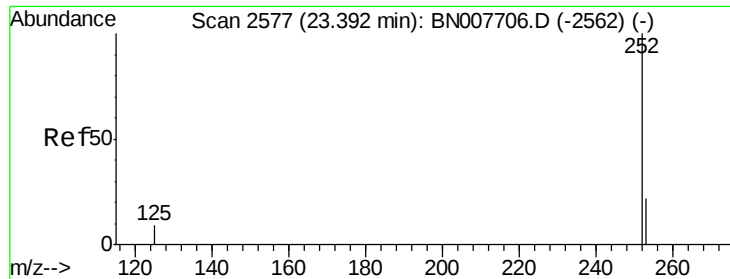


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

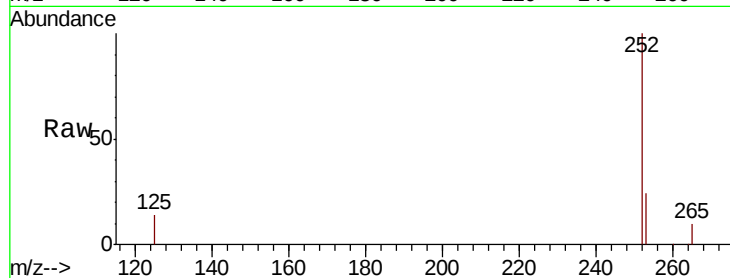
Tot Ion:252 Resp: 43171

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

125 13.8 9.4 14.0

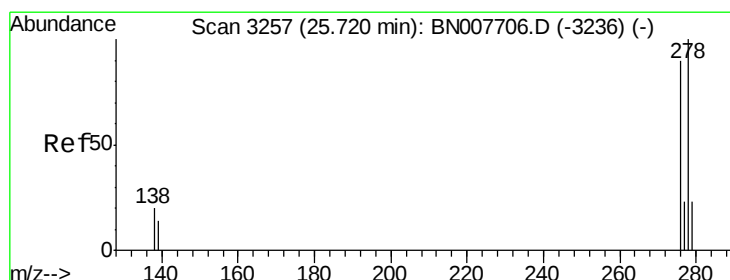
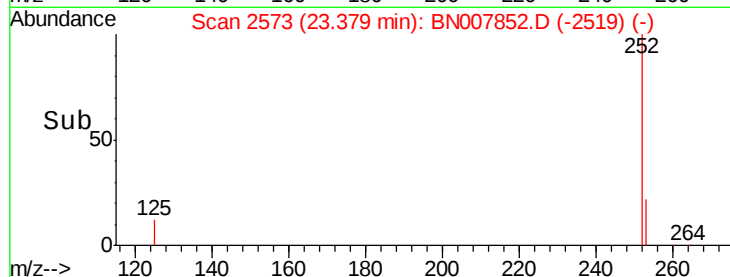
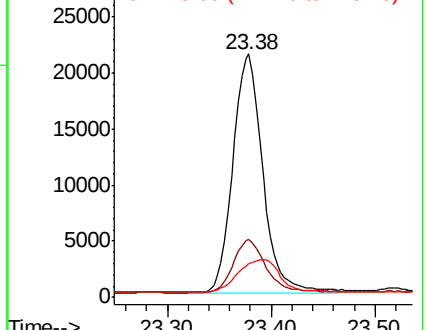


Abundance

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: 0.367 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

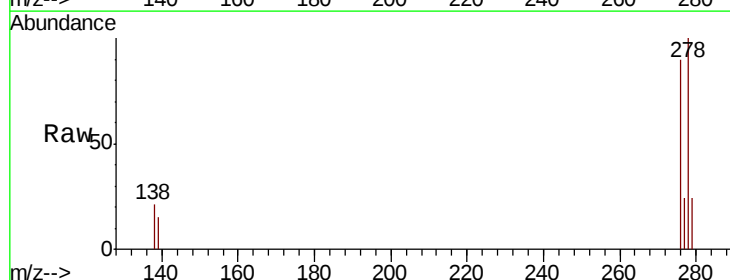
Tgt Ion:278 Resp: 40760

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

279 24.1 19.4 29.2

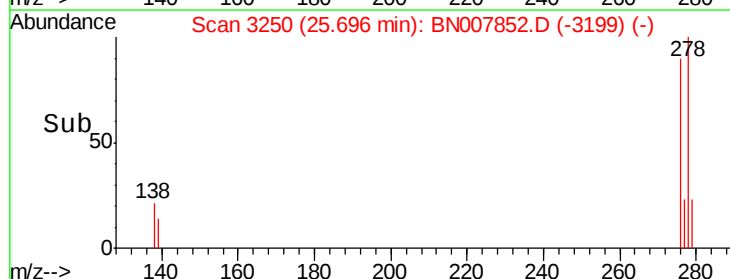
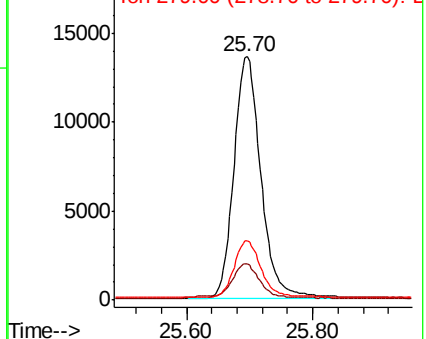


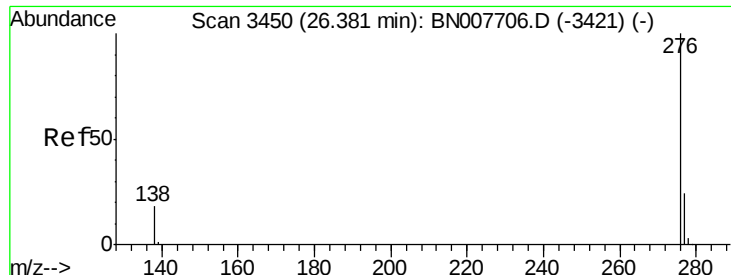
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.369 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007852.D

Acq: 25 Sep 2019 14:00

Instrument :

BNA_N

ClientSampleId :

PB123248BS

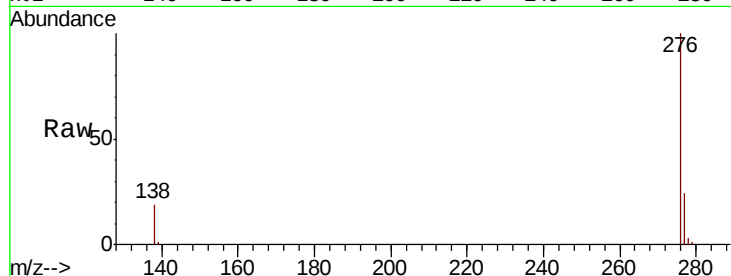
Tot Ion: 276 Resp: 40500

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 19.3 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

