

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007857.D
 Acq On : 25 Sep 2019 17:00
 Operator : JU
 Sample : PB123223BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123223BS

Quant Time: Sep 26 03:53:18 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	7815	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30603	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	18126	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	37577	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	32019	0.40	ng	-0.02
34) Perylene-d12	23.47	264	28360	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	8069	0.30	ng	0.00
5) Phenol-d6	6.86	99	10027	0.30	ng	0.00
8) Nitrobenzene-d5	8.83	82	9464	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	21604	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2084	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	31043	0.42	ng	-0.01
25) Fluoranthene-d10	19.09	212	45384	0.36	ng	-0.01
29) Terphenyl-d14	19.70	244	38715	0.49	ng	-0.01

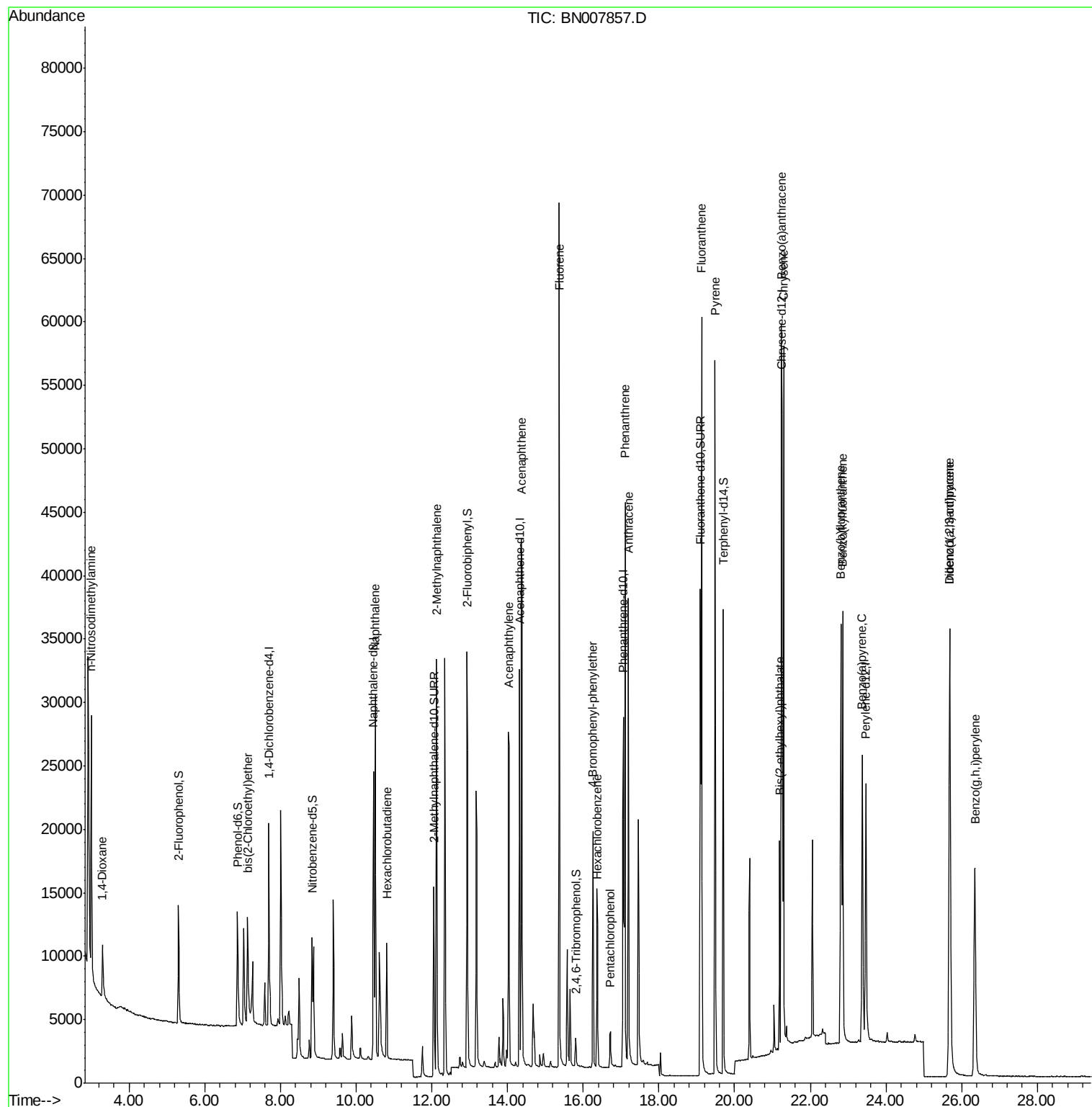
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3489	0.401	ng	# 80
3) n-Nitrosodimethylamine	3.00	42	2684	0.673	ng	97
6) bis(2-Chloroethyl)ether	7.13	93	8871	0.401	ng	99
9) Naphthalene	10.51	128	36600	0.426	ng	100
10) Hexachlorobutadiene	10.81	225	7683	0.425	ng	# 100
12) 2-Methylnaphthalene	12.13	142	24531	0.423	ng	99
16) Acenaphthylene	14.02	152	34313	0.357	ng	100
17) Acenaphthene	14.37	154	23657	0.382	ng	96
18) Fluorene	15.36	166	30157	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	10073	0.442	ng	# 75
21) Hexachlorobenzene	16.38	284	11524	0.462	ng	98
22) Pentachlorophenol	16.72	266	2020	0.220	ng	99
23) Phenanthrene	17.10	178	49989	0.427	ng	100
24) Anthracene	17.19	178	41170	0.389	ng	99
26) Fluoranthene	19.12	202	54037	0.371	ng	100
28) Pyrene	19.49	202	52287	0.479	ng	100
30) Benzo(a)anthracene	21.24	228	42112	0.357	ng	99
31) Chrysene	21.29	228	49688	0.432	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	13596	0.224	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	44063	0.306	ng	99
35) Benzo(b)fluoranthene	22.81	252	41223	0.419	ng	100
36) Benzo(k)fluoranthene	22.85	252	46312	0.476	ng	100
37) Benzo(a)pyrene	23.37	252	35813	0.387	ng	99
38) Dibenzo(a,h)anthracene	25.69	278	35660	0.377	ng	100
39) Benzo(g,h,i)perylene	26.35	276	35888	0.383	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007857.D
Acq On : 25 Sep 2019 17:00
Operator : JU
Sample : PB123223BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Quant Time: Sep 26 03:53:18 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

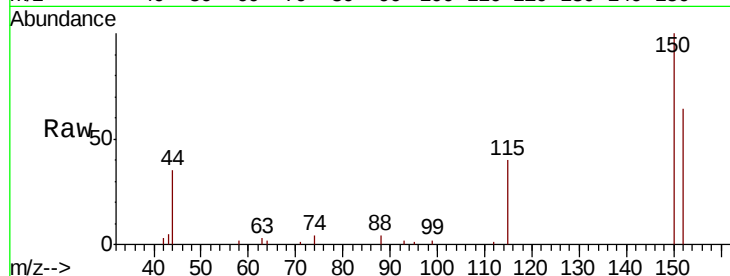
Tot Ion:152 Resp: 7815

Ion Ratio Lower Upper

152 100

150 155.9 125.6 188.4

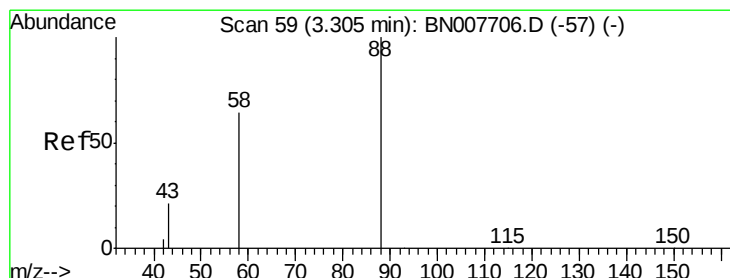
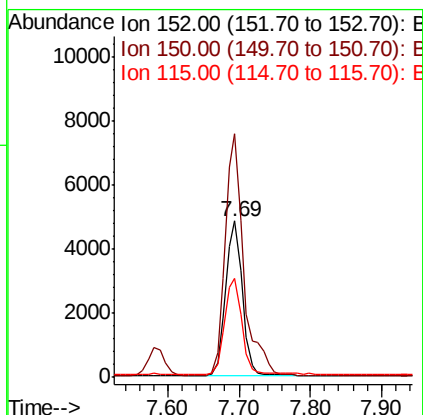
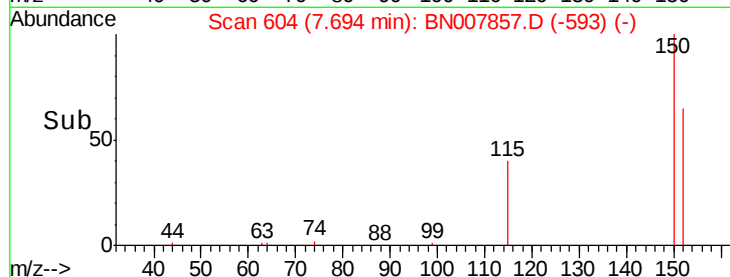
115 63.0 53.3 79.9



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: 0.401 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

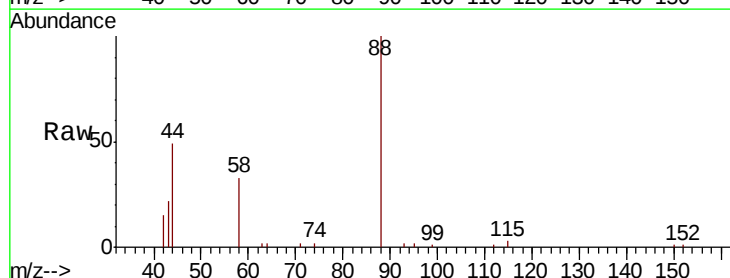
Tgt Ion: 88 Resp: 3489

Ion Ratio Lower Upper

88 100

58 71.7 44.6 66.8#

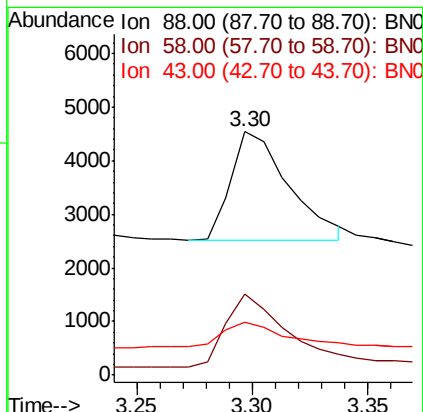
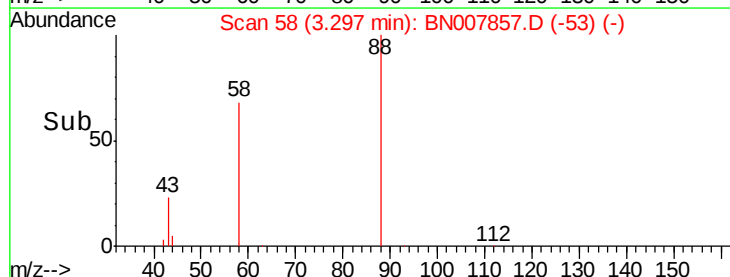
43 23.9 14.4 21.6#



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: 0.673 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

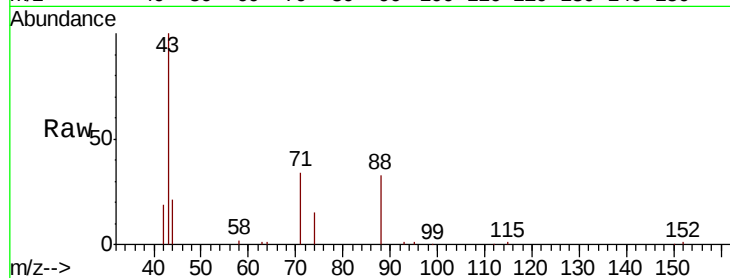
Tot Ion: 42 Resp: 2684

Ion Ratio Lower Upper

42 100

74 108.5 87.9 131.9

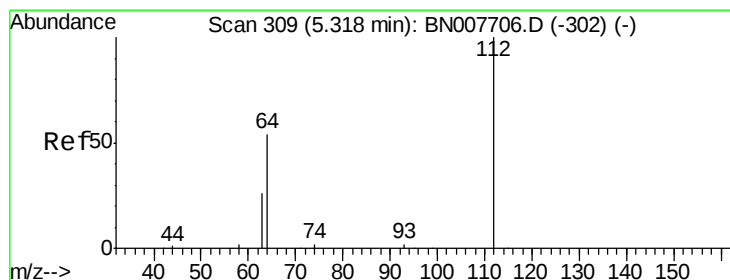
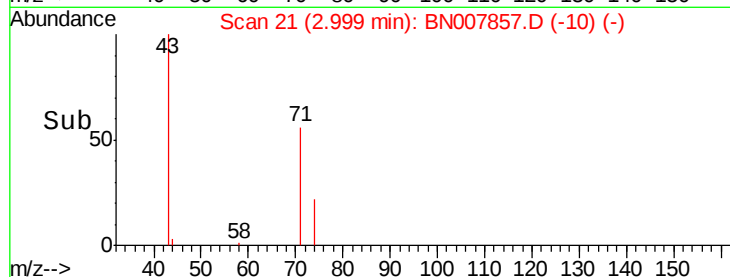
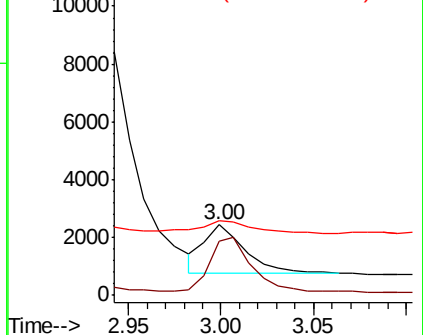
44 31.1 29.4 44.0



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: 0.300 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

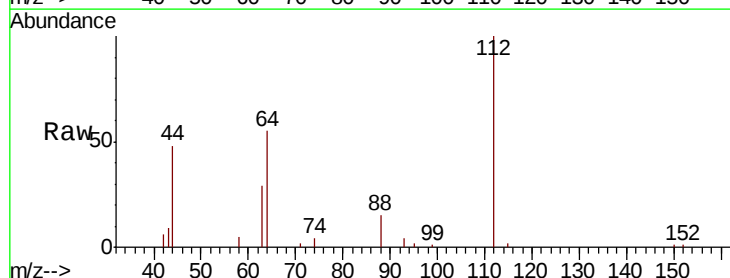
Tgt Ion: 112 Resp: 8069

Ion Ratio Lower Upper

112 100

64 60.2 46.6 70.0

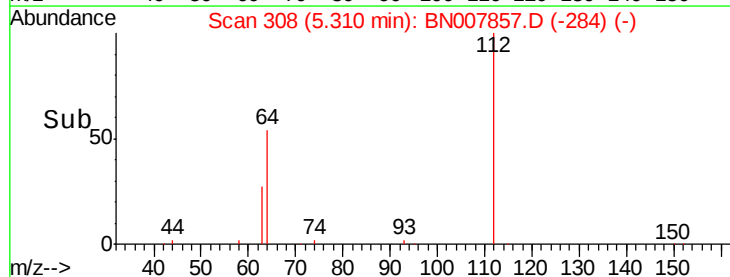
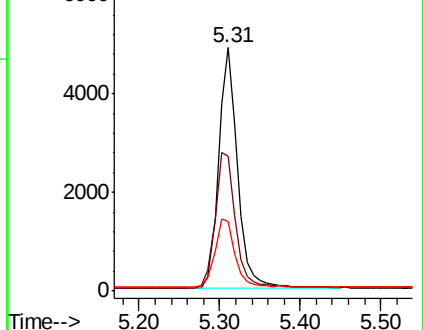
63 30.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.297 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

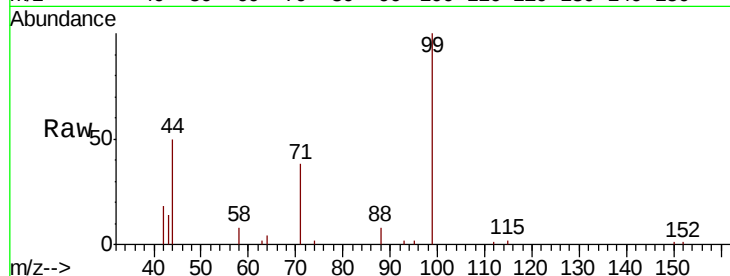
Tot Ion: 99 Resp: 10027

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

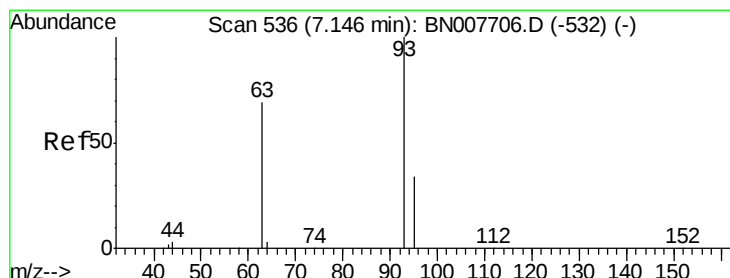
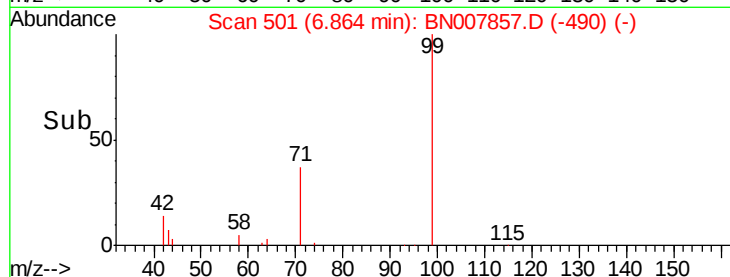
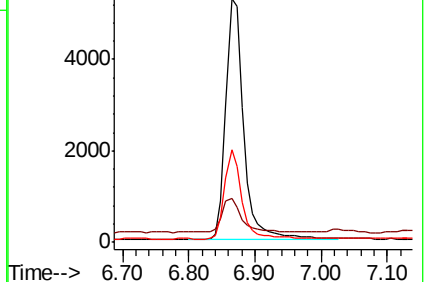
71 35.3 27.6 41.4



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: 0.401 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

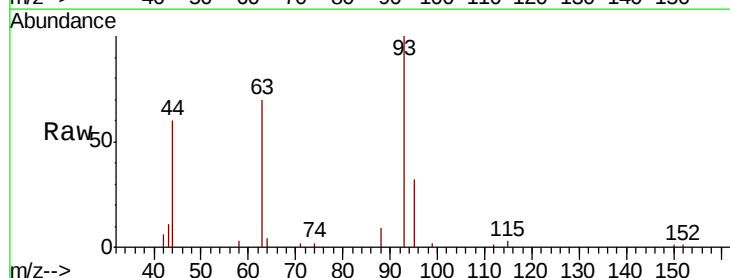
Tgt Ion: 93 Resp: 8871

Ion Ratio Lower Upper

93 100

63 74.9 59.3 88.9

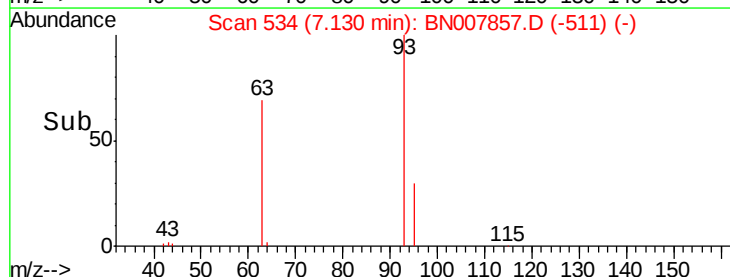
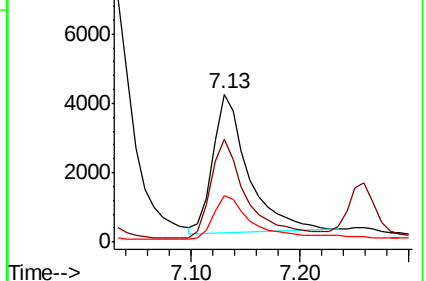
95 37.6 31.4 47.0

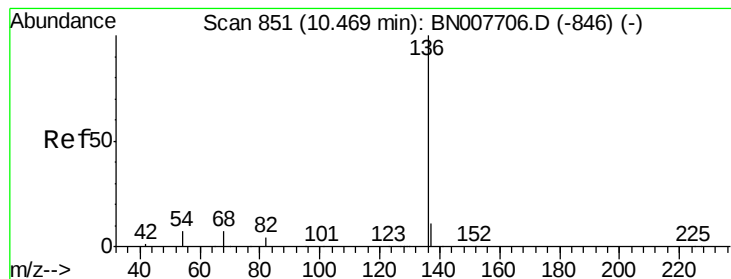


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

Tot Ion:136 Resp: 30603

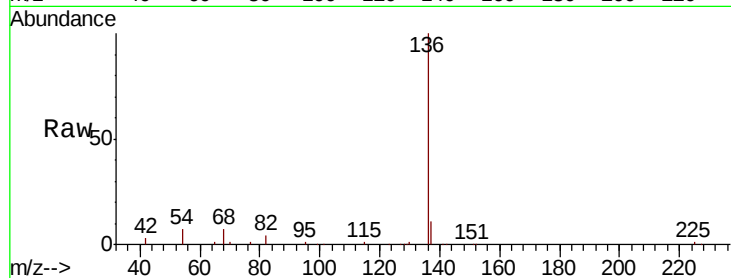
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.9 5.8 8.8

68 7.3 6.5 9.7

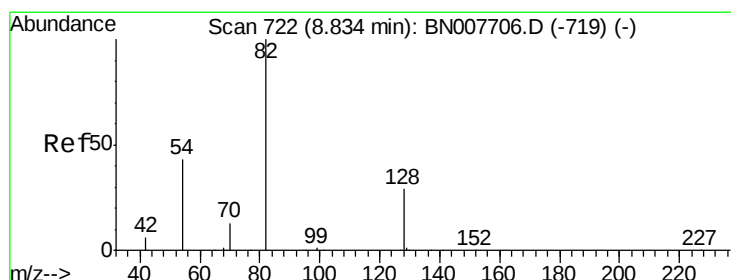
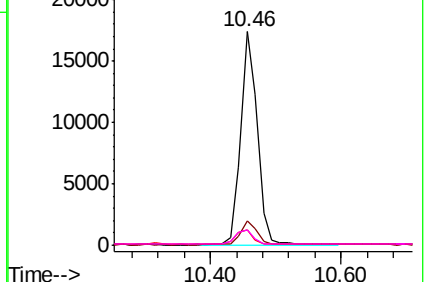
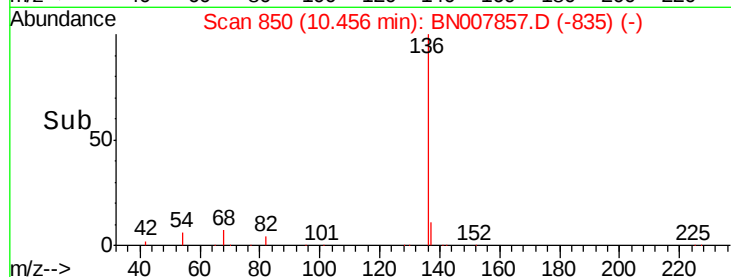


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

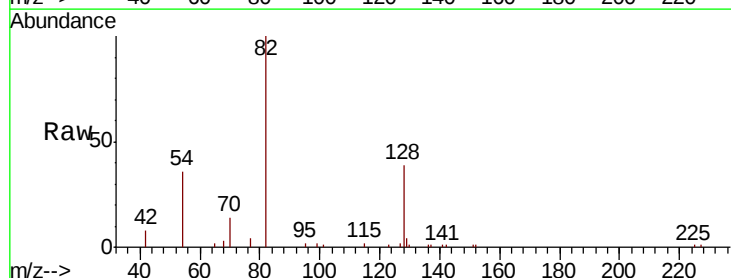
Tgt Ion: 82 Resp: 9464

Ion Ratio Lower Upper

82 100

128 39.1 24.5 36.7#

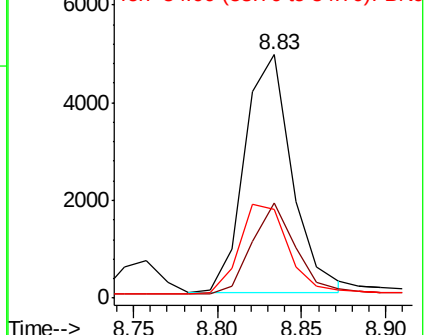
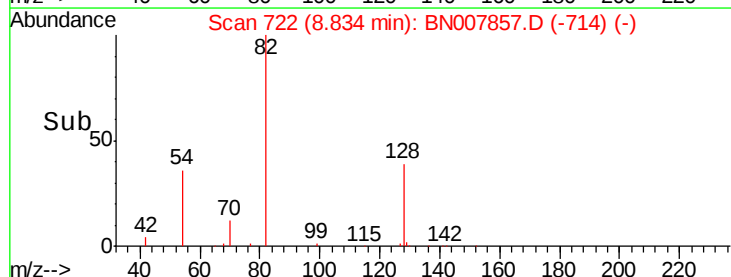
54 36.3 35.2 52.8



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: 0.426 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

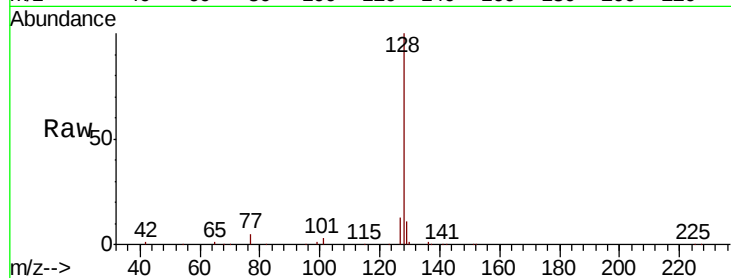
Tot Ion:128 Resp: 36600

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.2 10.6 15.8

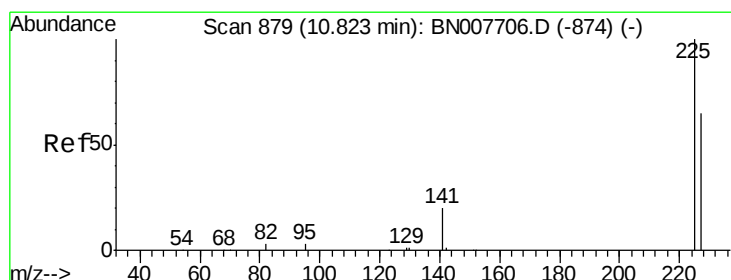
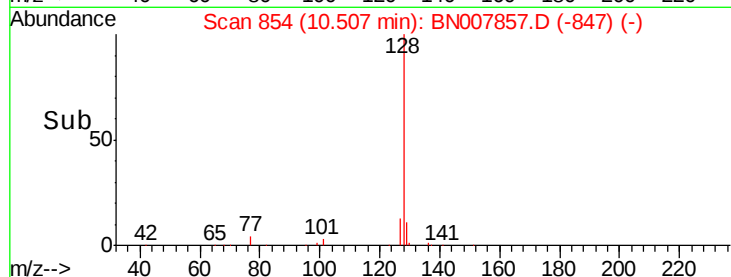
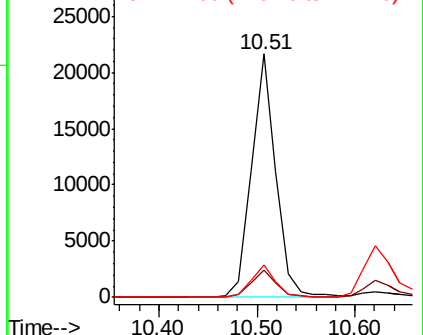


Abundance

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: 0.425 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

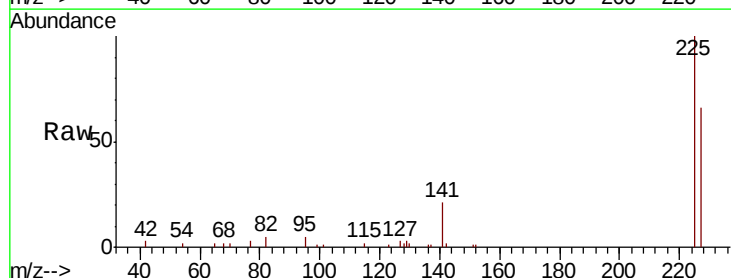
Tgt Ion:225 Resp: 7683

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 51.2 76.8

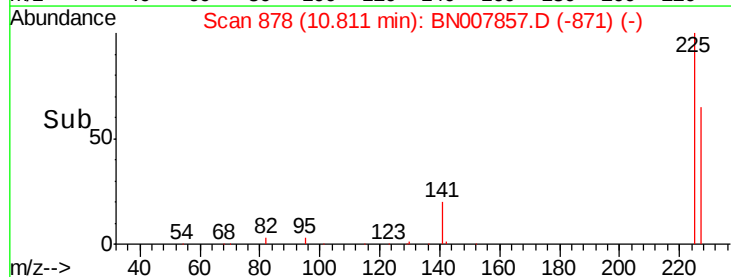
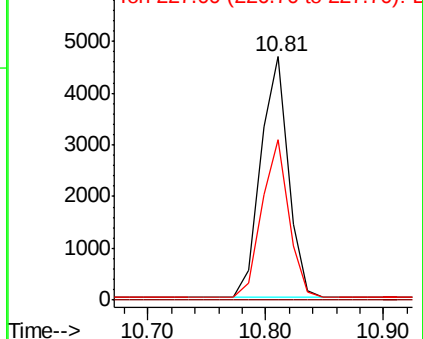


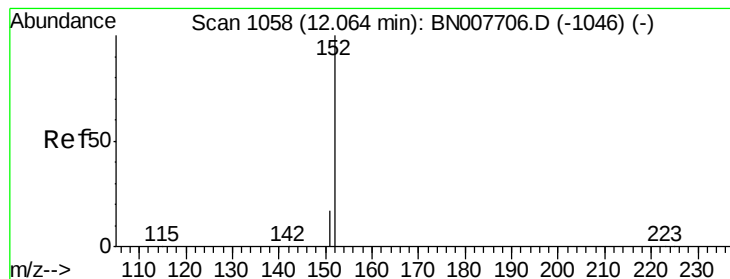
Abundance

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: 0.419 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

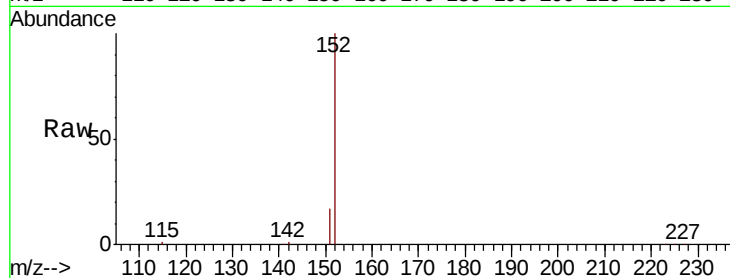
PB123223BS

Tot Ion:152 Resp: 21604

Ion Ratio Lower Upper

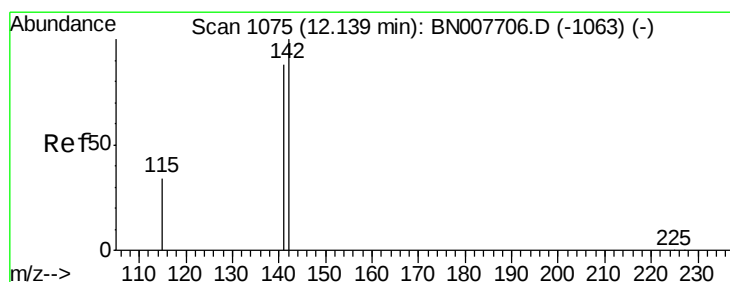
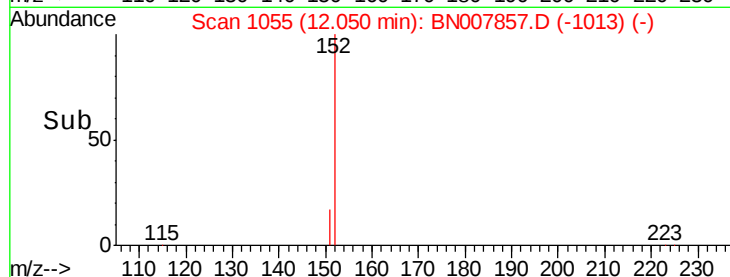
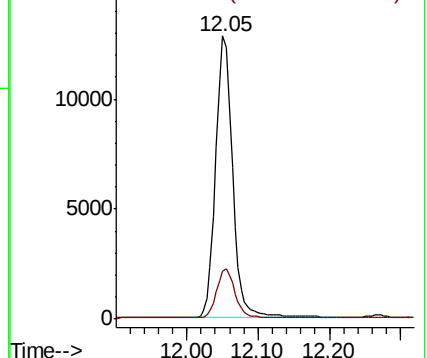
152 100

151 19.0 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: 0.423 ng

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

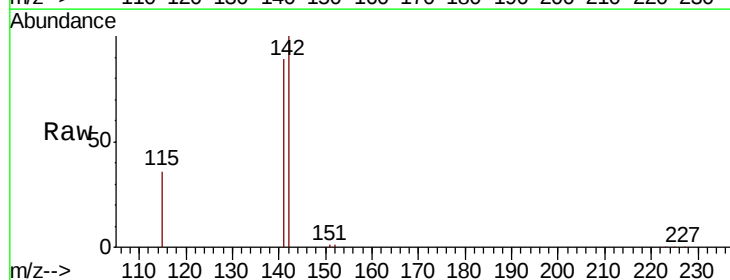
Tgt Ion:142 Resp: 24531

Ion Ratio Lower Upper

142 100

141 89.1 70.6 106.0

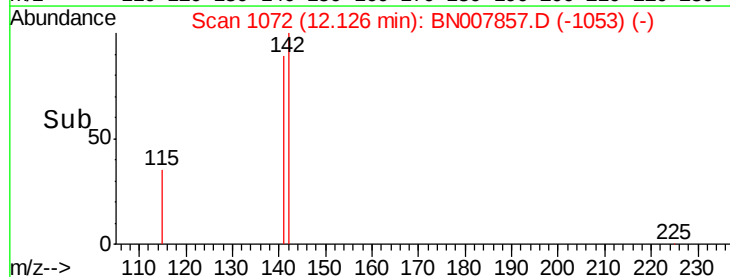
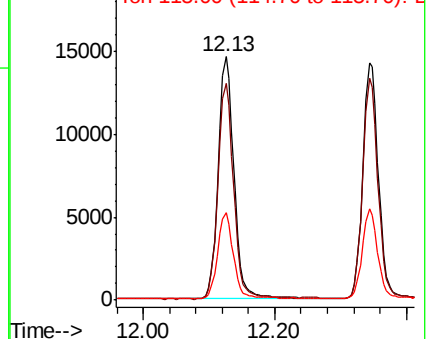
115 35.7 28.3 42.5

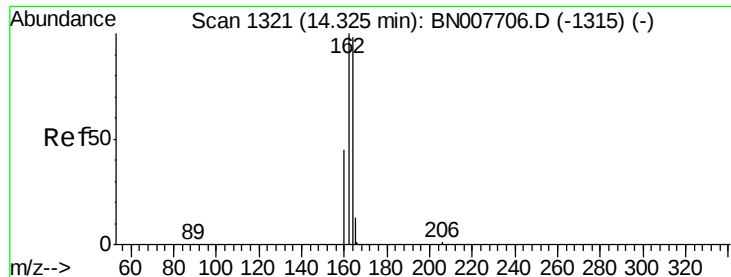


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

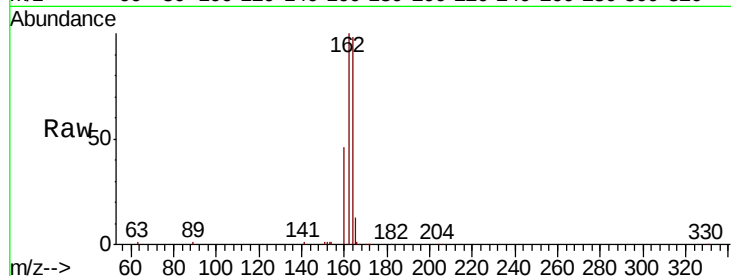
Tot Ion:164 Resp: 18126

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

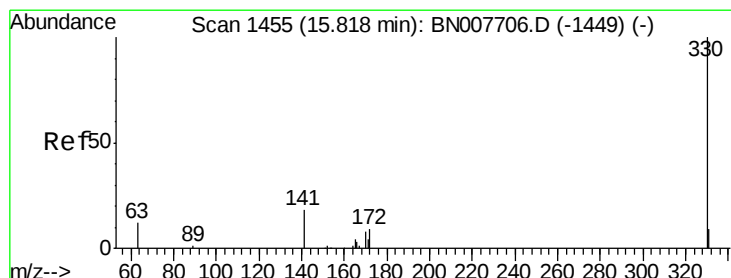
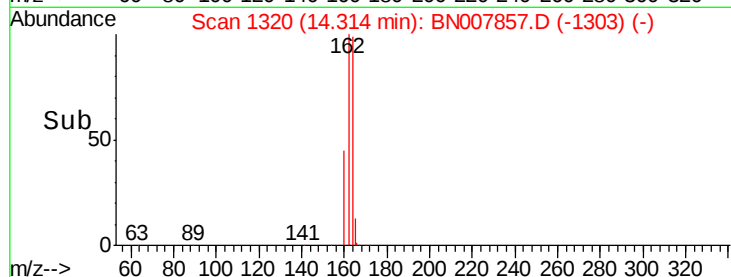
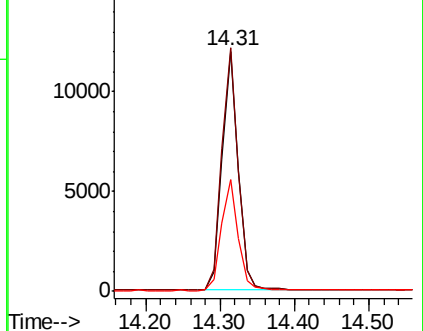
160 46.4 37.0 55.4



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: 0.211 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

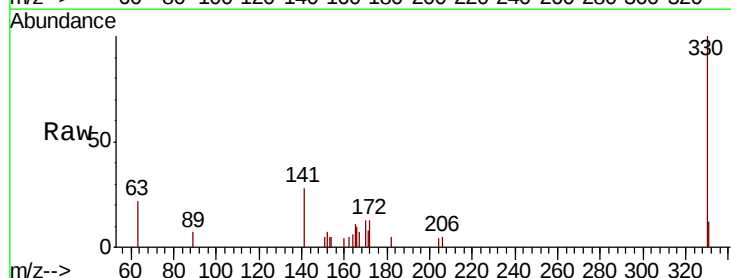
Tgt Ion:330 Resp: 2084

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

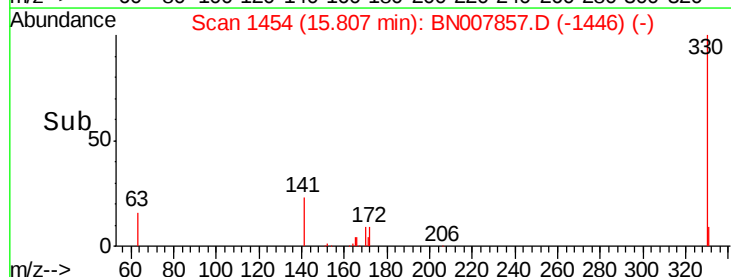
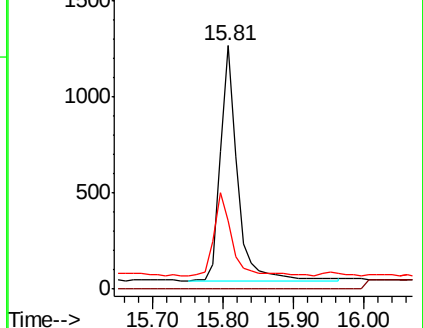
141 36.1 28.7 43.1



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

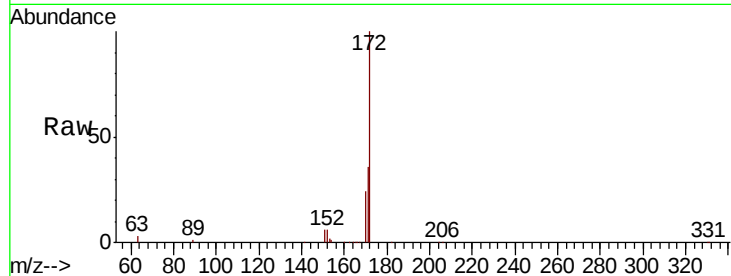




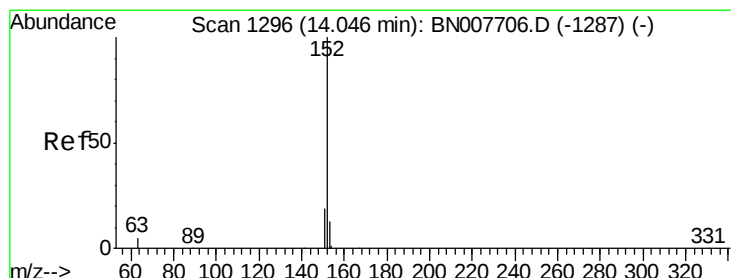
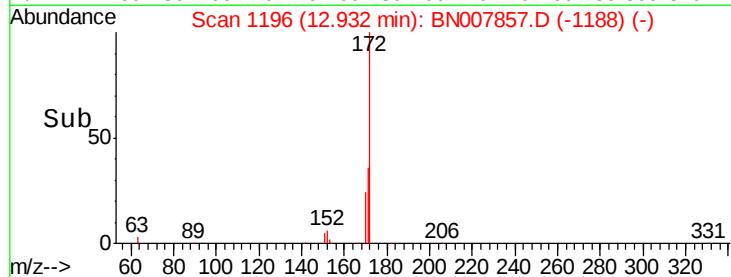
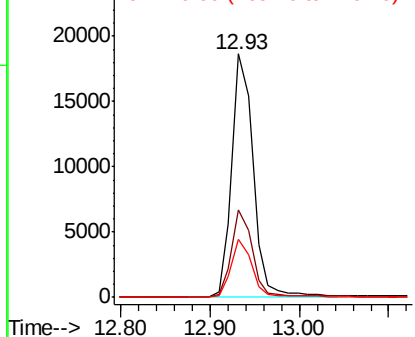
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007857.D
Acq: 25 Sep 2019 17:00

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tot Ion:172 Resp: 31043
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 19.5 29.3

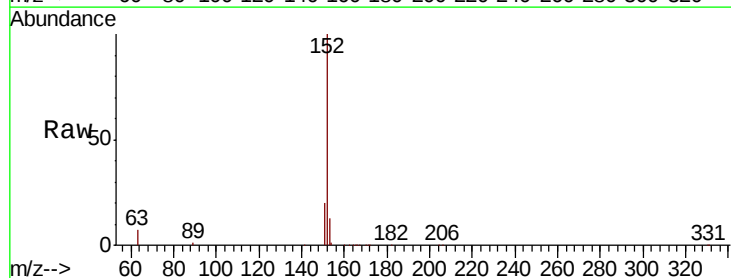


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

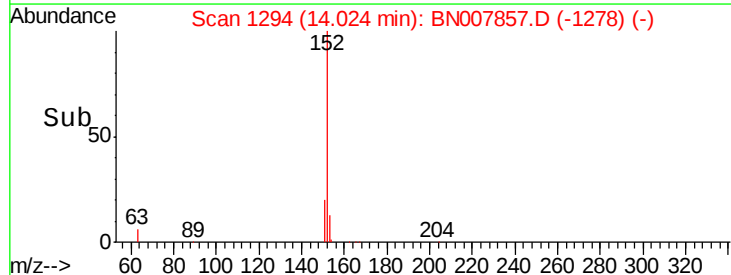
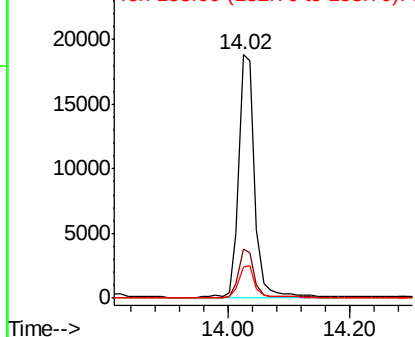


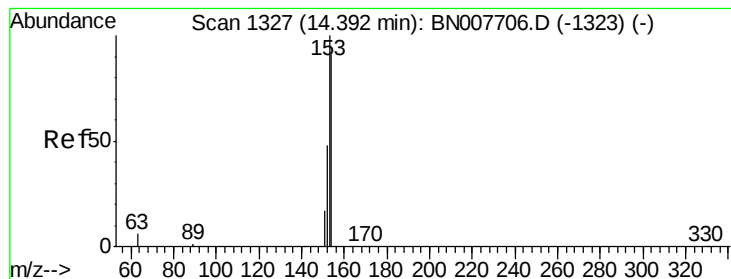
#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007857.D
Acq: 25 Sep 2019 17:00

Tgt Ion:152 Resp: 34313
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

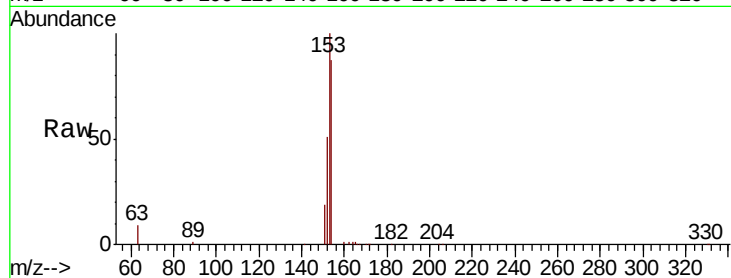
Tot Ion:154 Resp: 23657

Ion Ratio Lower Upper

154 100

153 113.3 87.0 130.4

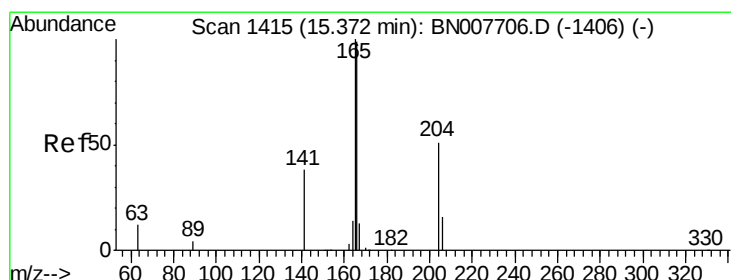
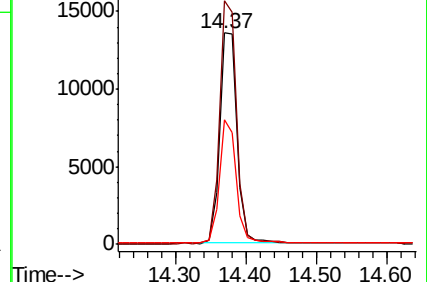
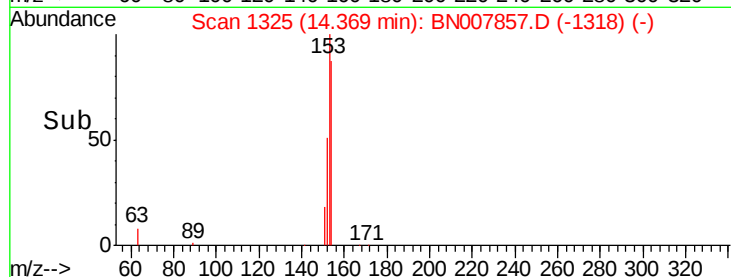
152 56.8 42.7 64.1



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: BN007857.D

Acq: 25 Sep 2019 17:00

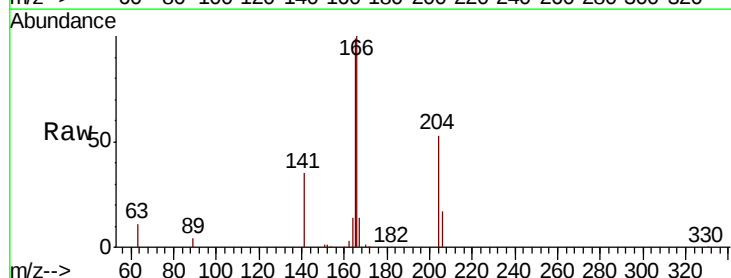
Tgt Ion:166 Resp: 30157

Ion Ratio Lower Upper

166 100

165 98.1 78.0 117.0

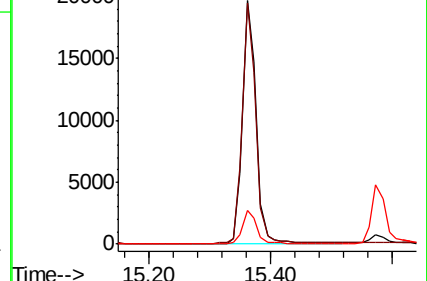
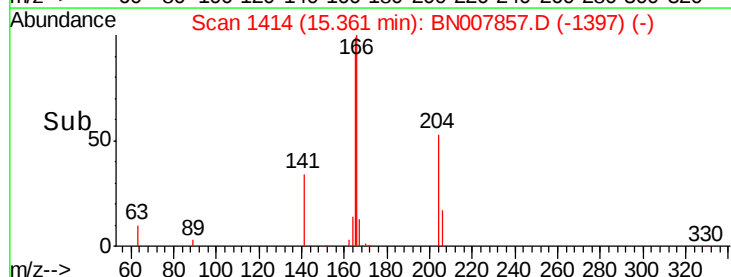
167 13.6 10.9 16.3

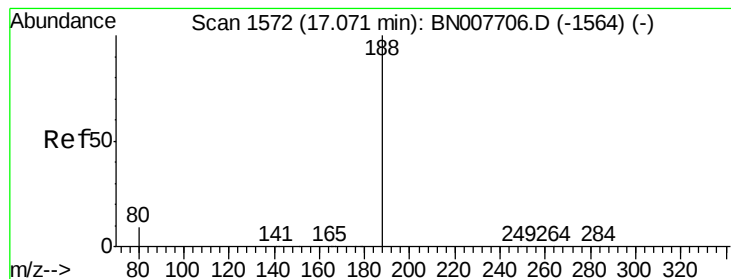


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

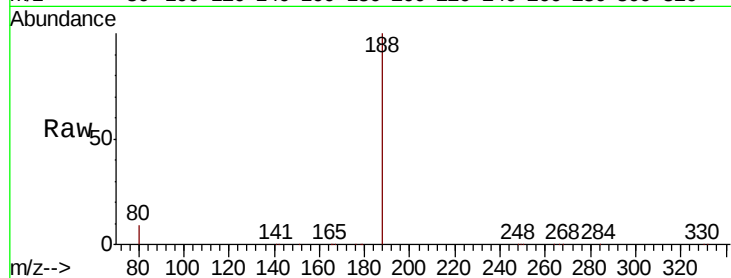
Tot Ion:188 Resp: 37577

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

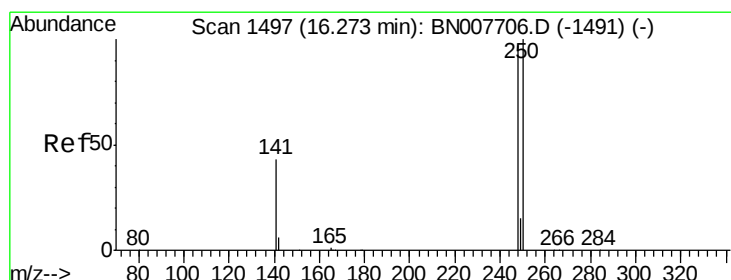
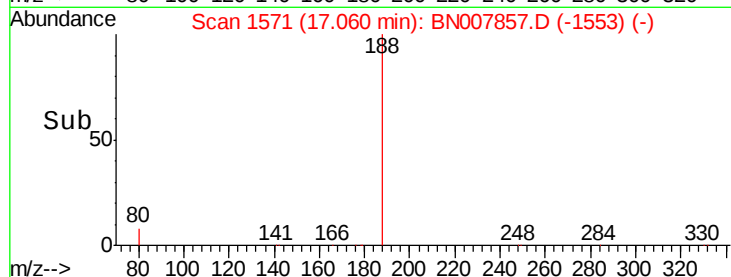
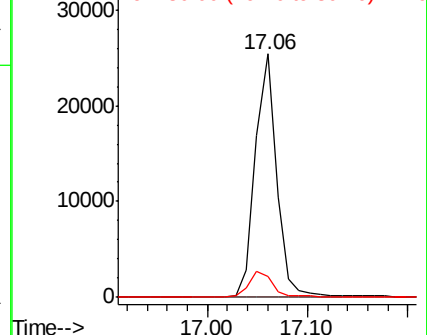
80 8.6 7.4 11.2



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: 0.442 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

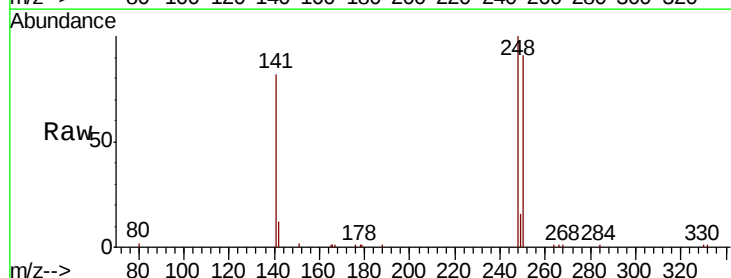
Tgt Ion:248 Resp: 10073

Ion Ratio Lower Upper

248 100

250 90.8 82.2 123.4

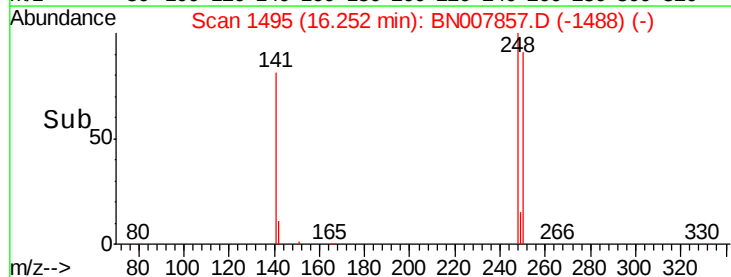
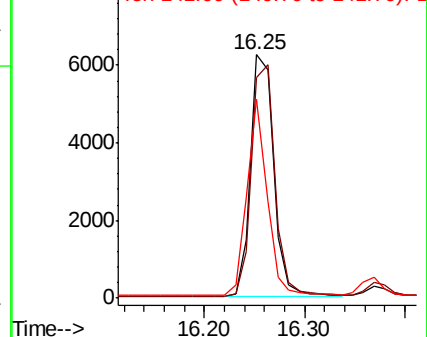
141 81.5 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

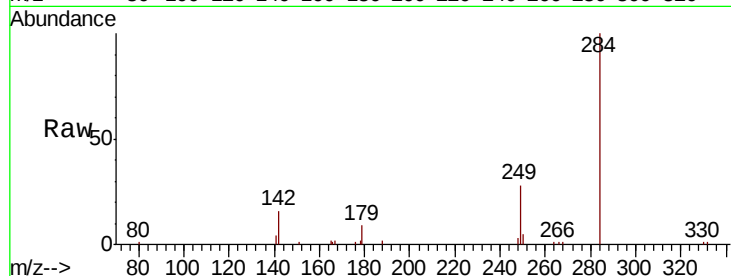




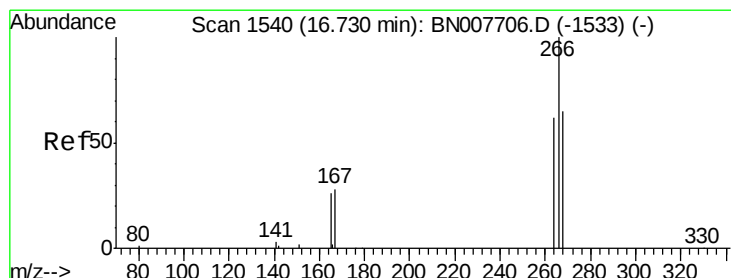
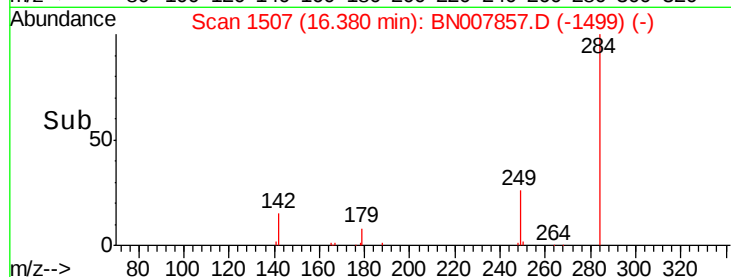
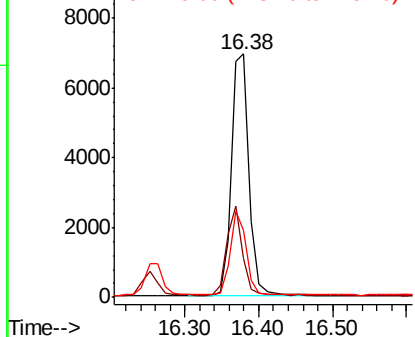
#21
Hexachlorobenzene
Concen: 0.462 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007857.D
Acq: 25 Sep 2019 17:00

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tot Ion:284 Resp: 11524
Ion Ratio Lower Upper
284 100
142 33.0 25.8 38.6
249 31.4 25.9 38.9

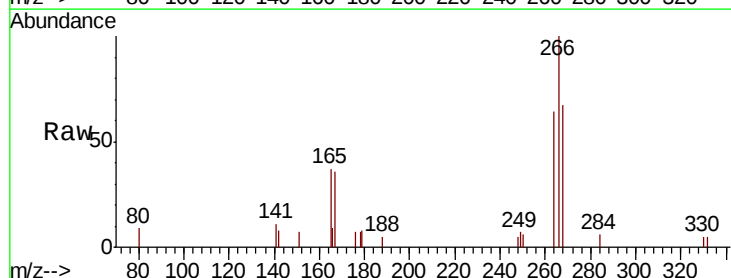


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

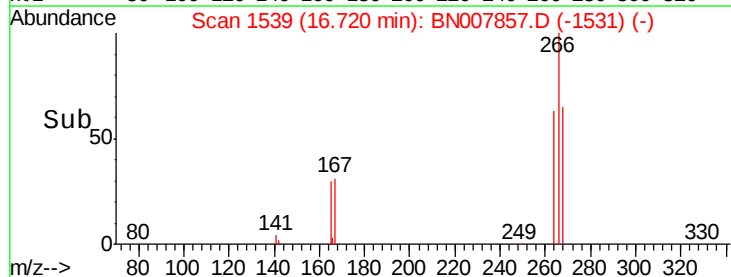
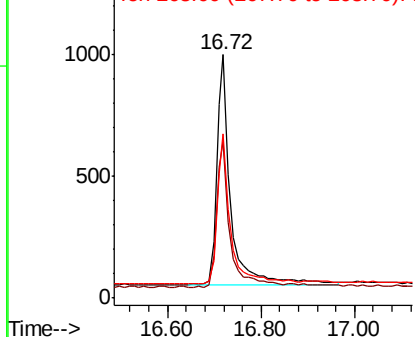


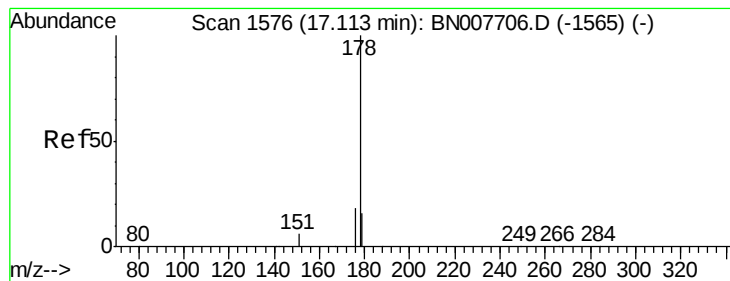
#22
Pentachlorophenol
Concen: 0.220 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007857.D
Acq: 25 Sep 2019 17:00

Tgt Ion:266 Resp: 2020
Ion Ratio Lower Upper
266 100
264 64.2 50.0 75.0
268 67.3 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: 0.427 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

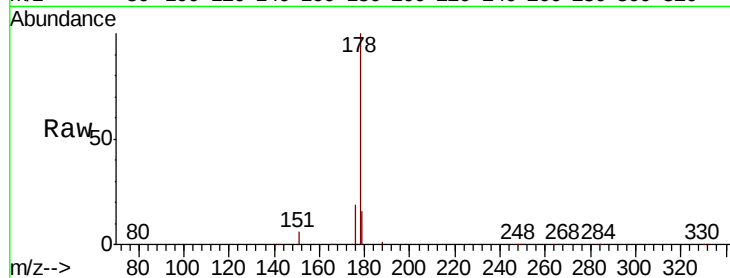
Tot Ion:178 Resp: 49989

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

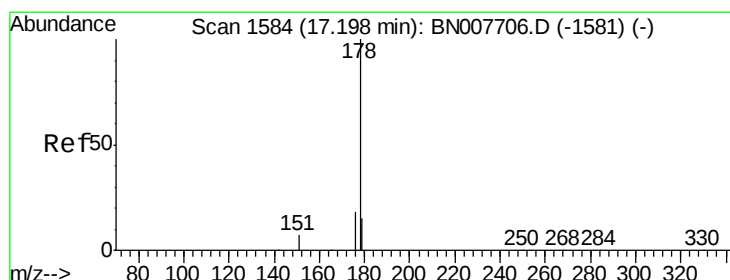
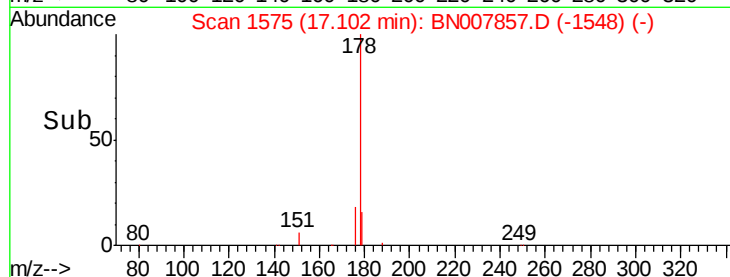
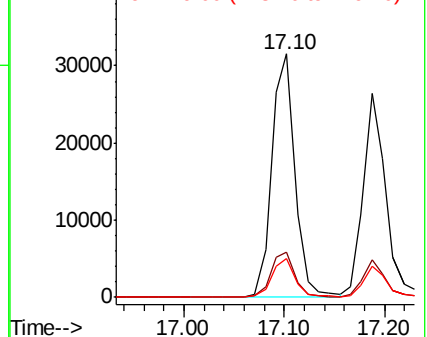
179 15.4 12.5 18.7



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: 0.389 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

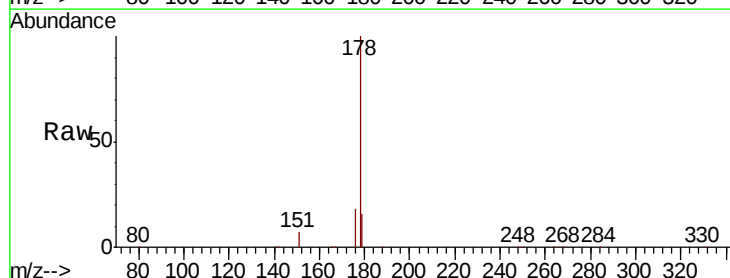
Tgt Ion:178 Resp: 41170

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

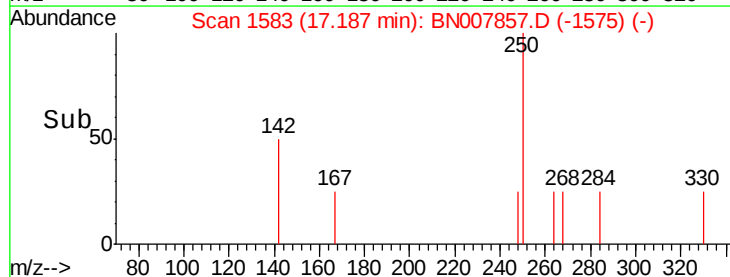
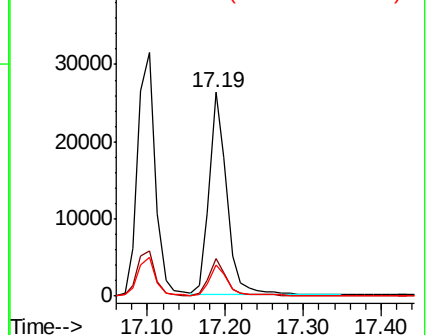
179 15.5 12.2 18.4

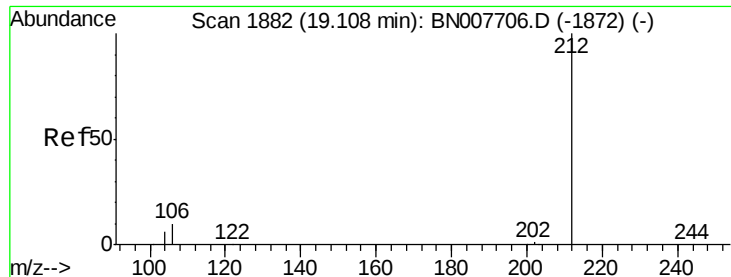


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

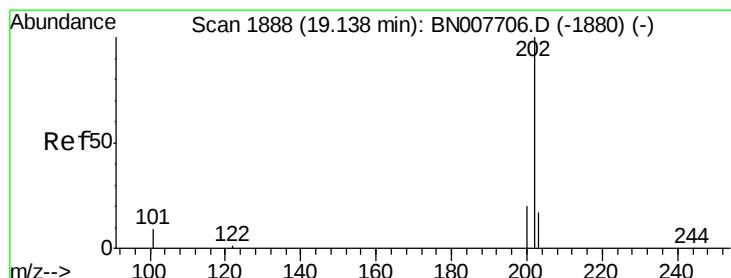
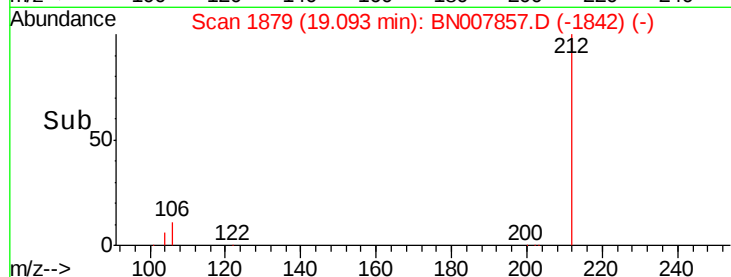
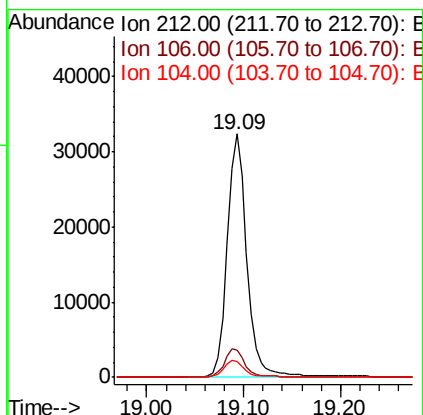
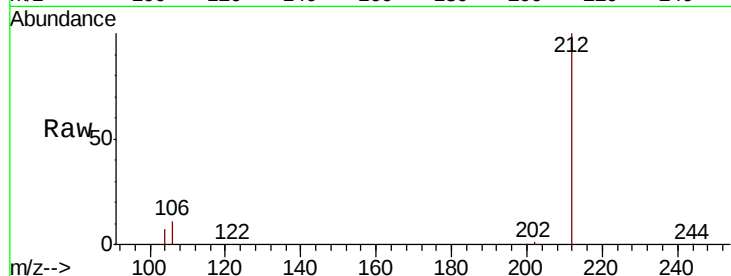




#25
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007857.D
 Acq: 25 Sep 2019 17:00

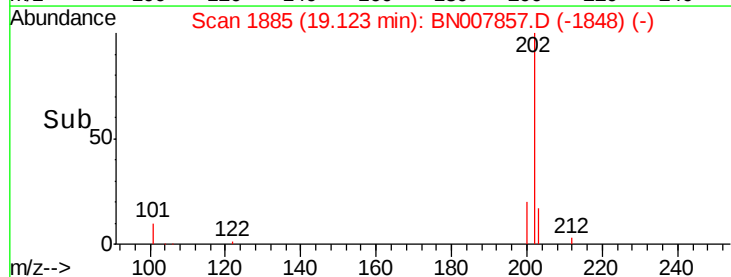
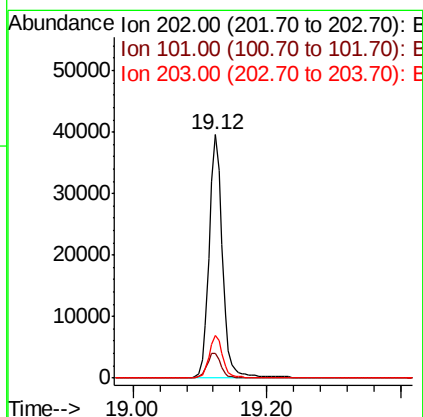
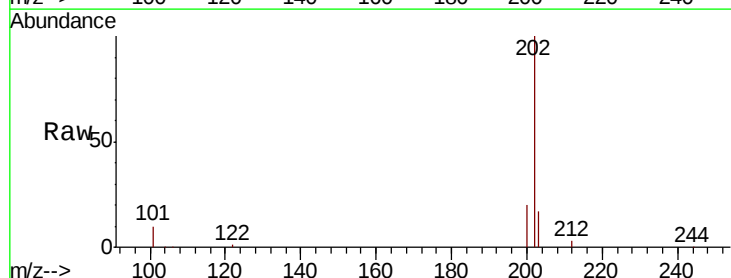
Instrument :
 BNA_N
 ClientSampleId :
 PB123223BS

Tot Ion:212 Resp: 45384
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.0
 104 6.7 5.3 7.9



#26
 Fluoranthene
 Concen: 0.371 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN007857.D
 Acq: 25 Sep 2019 17:00

Tgt Ion:202 Resp: 54037
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.4 12.6
 203 17.2 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

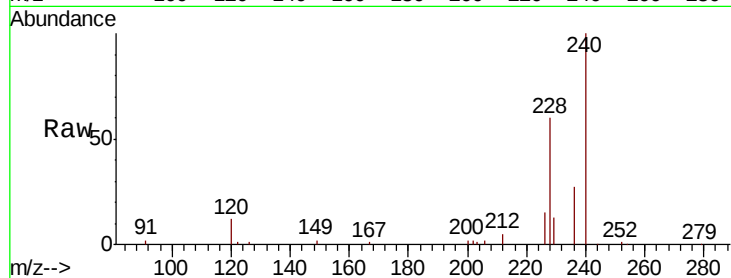
Tot Ion:240 Resp: 32019

Ion Ratio Lower Upper

240 100

120 11.6 5.4 8.2#

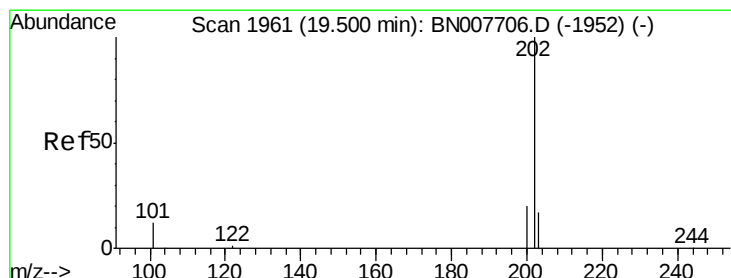
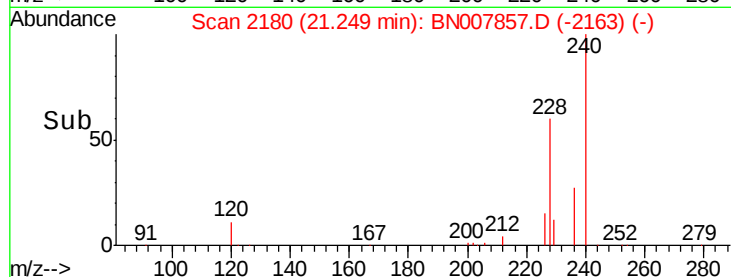
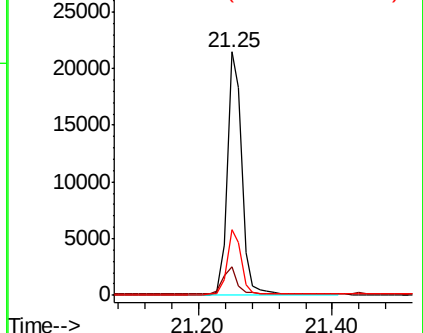
236 27.2 21.0 31.4



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: 0.479 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

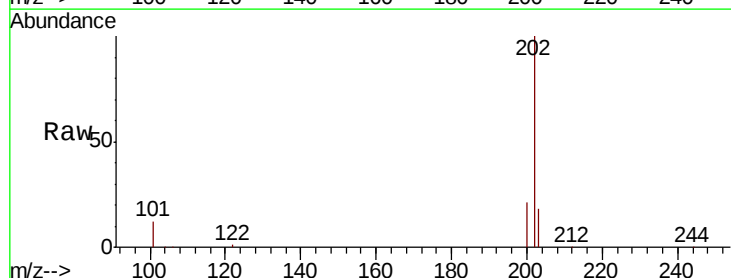
Tgt Ion:202 Resp: 52287

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

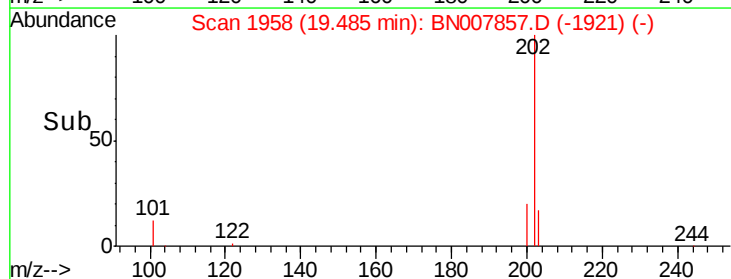
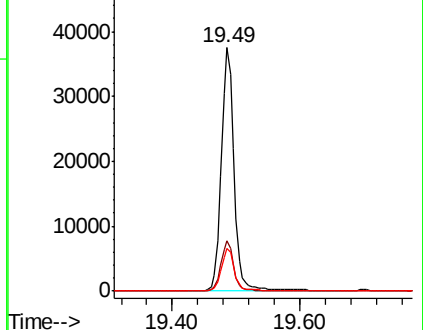
203 17.6 14.1 21.1



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: 0.492 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

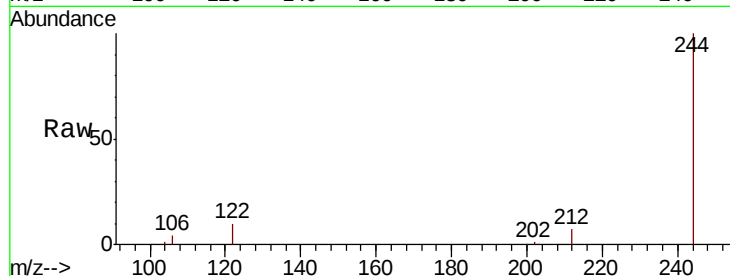
Tot Ion:244 Resp: 38715

Ion Ratio Lower Upper

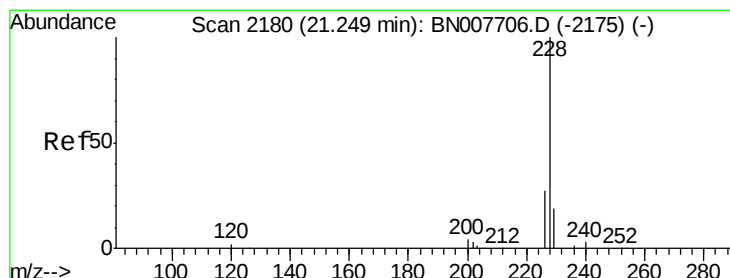
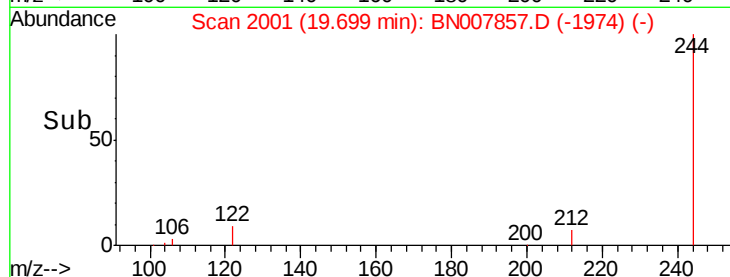
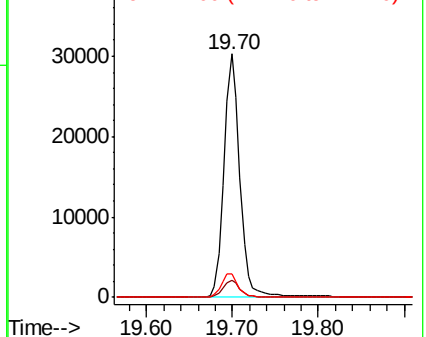
244 100

212 7.2 5.9 8.9

122 9.5 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: 0.357 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

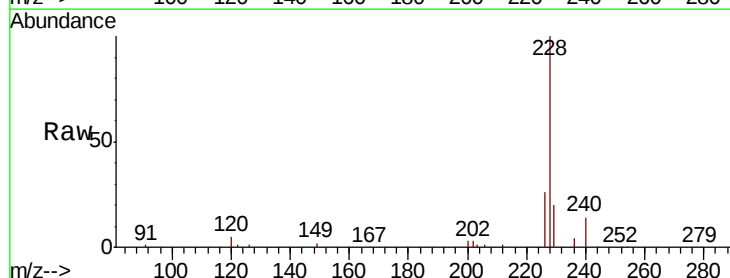
Tgt Ion:228 Resp: 42112

Ion Ratio Lower Upper

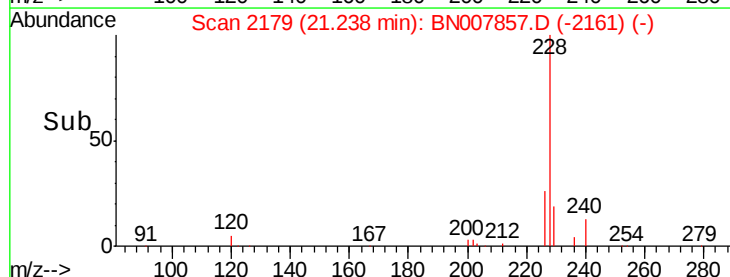
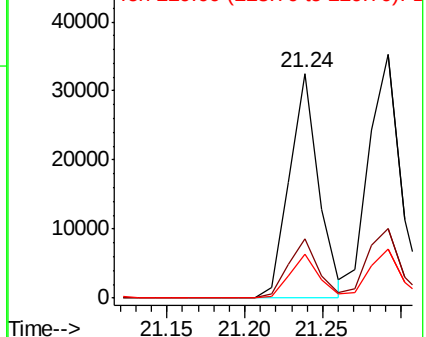
228 100

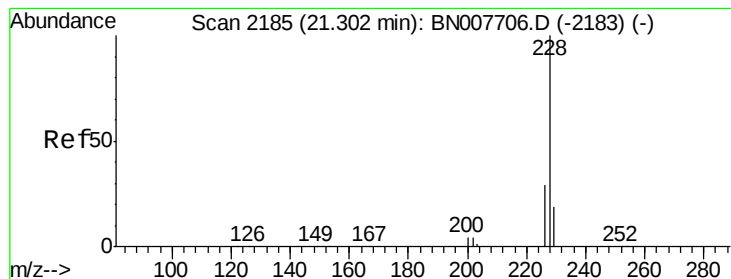
226 26.4 22.1 33.1

229 19.5 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: 0.432 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

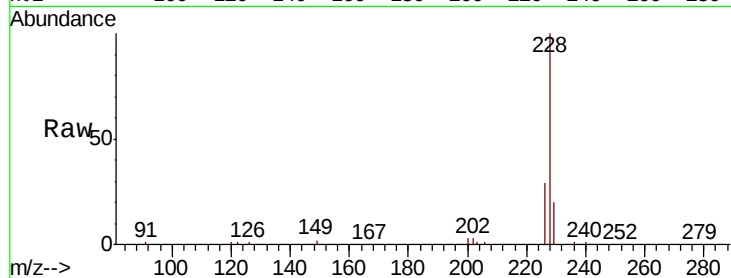
Tot Ion:228 Resp: 49688

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

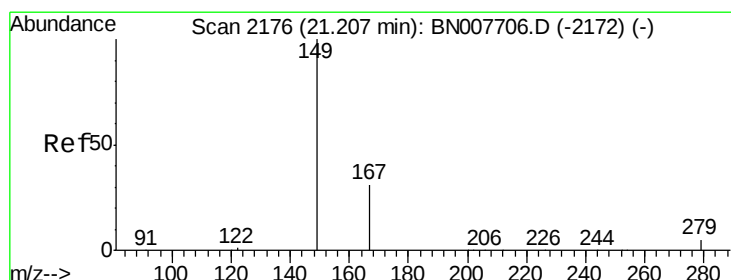
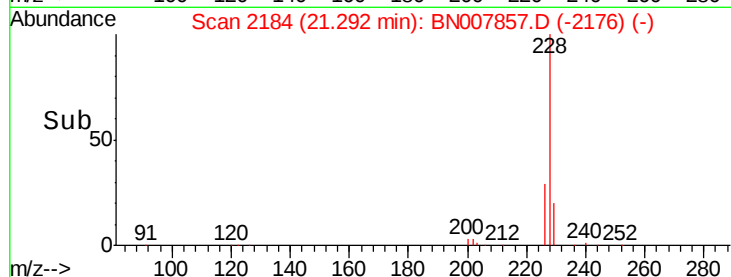
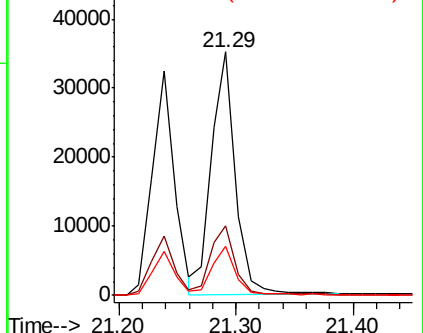
229 19.9 15.8 23.6



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: 0.224 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

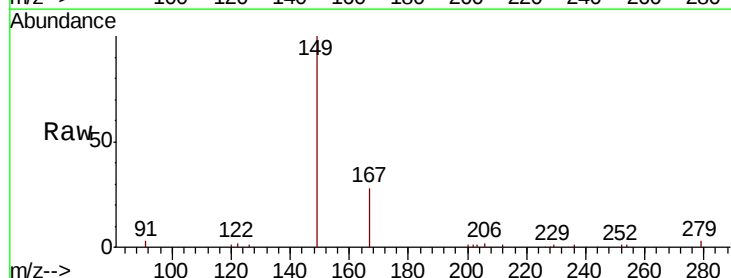
Tgt Ion:149 Resp: 13596

Ion Ratio Lower Upper

149 100

167 29.3 23.7 35.5

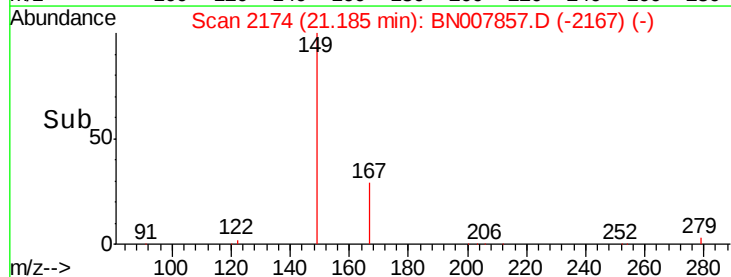
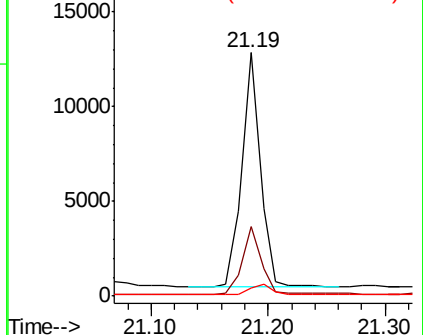
279 5.0 4.2 6.2



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

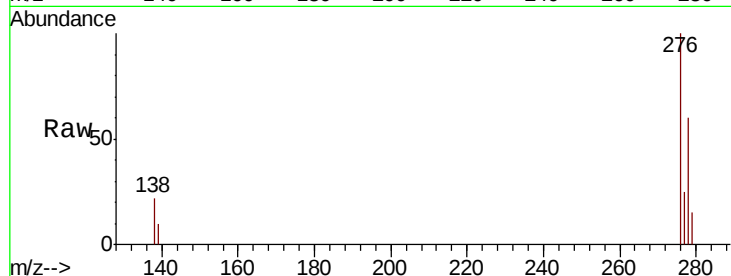




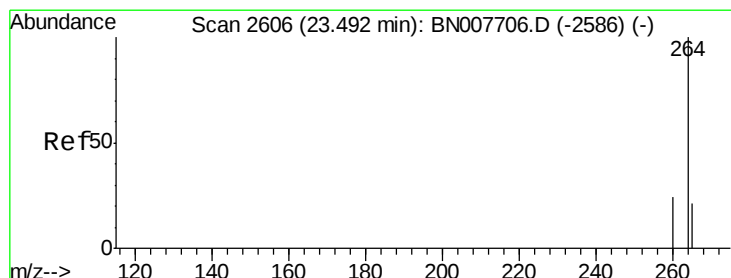
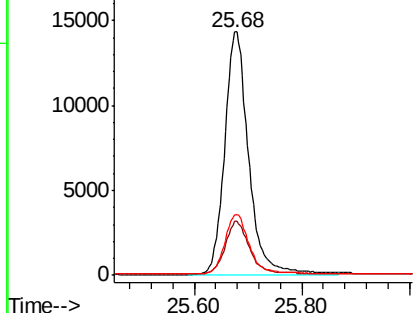
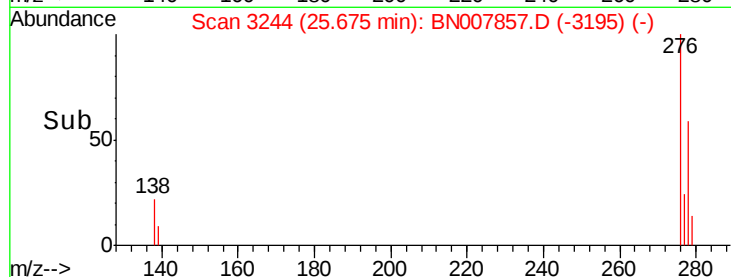
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007857.D
Acq: 25 Sep 2019 17:00

Instrument :
BNA_N
ClientSampleId :
PB123223BS

Tot Ion:276 Resp: 44063
Ion Ratio Lower Upper
276 100
138 22.2 17.1 25.7
277 24.8 20.0 30.0

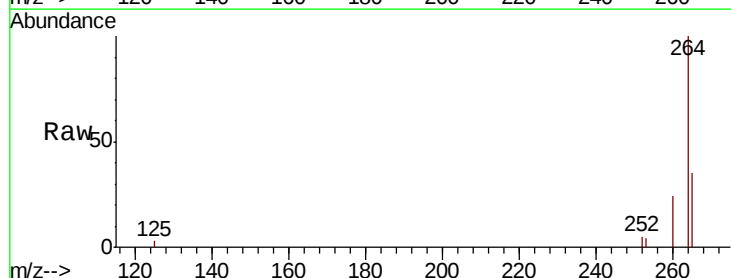


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

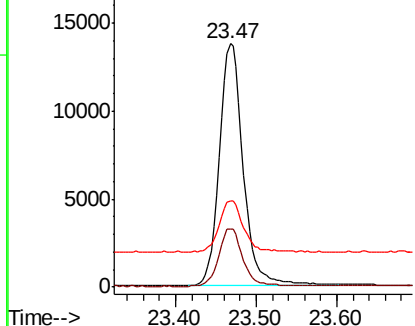
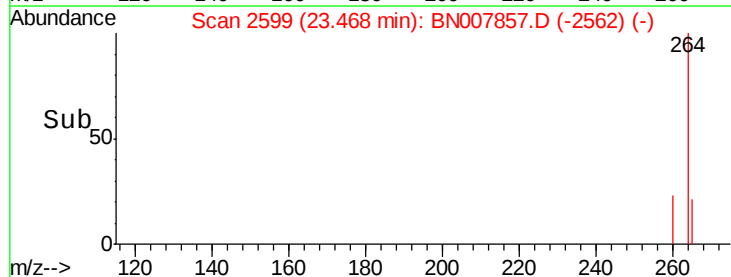


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007857.D
Acq: 25 Sep 2019 17:00

Tgt Ion:264 Resp: 28360
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 35.4 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: 0.419 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

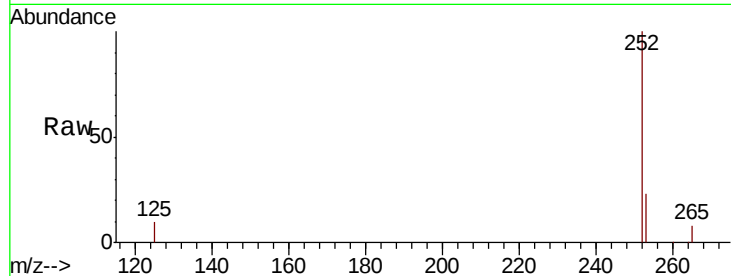
Tot Ion:252 Resp: 41223

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

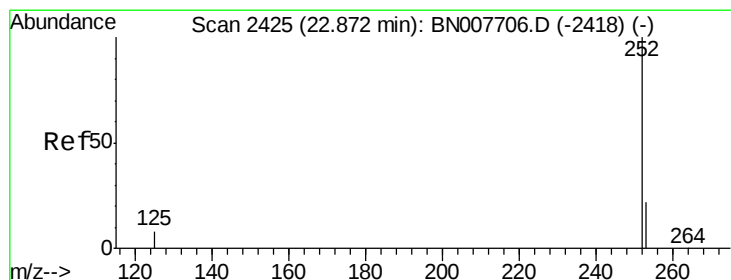
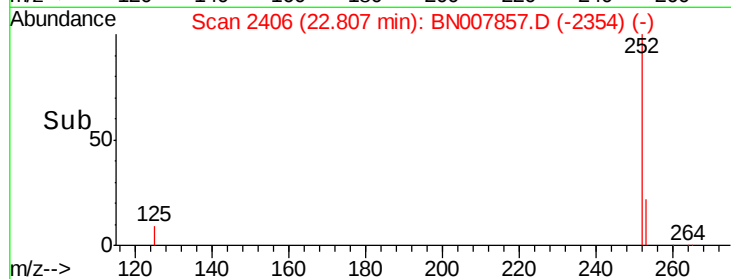
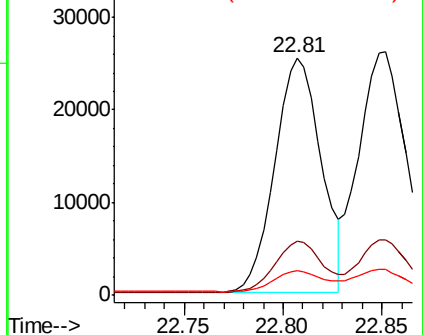
125 10.2 8.2 12.4



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: 0.476 ng

RT: 22.85 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

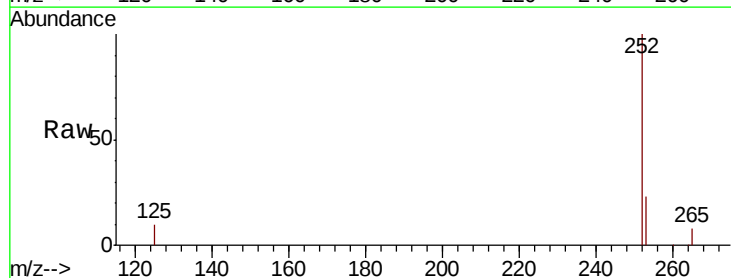
Tgt Ion:252 Resp: 46312

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

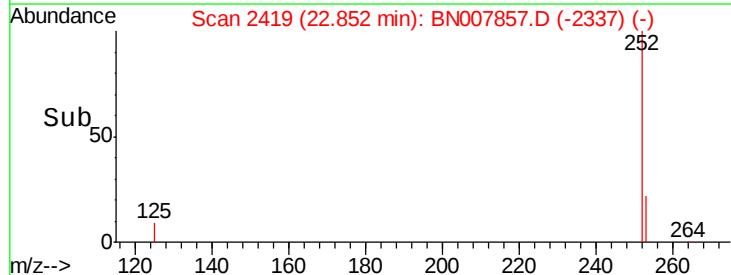
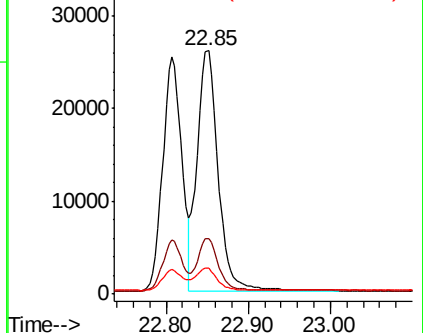
125 10.5 8.4 12.6

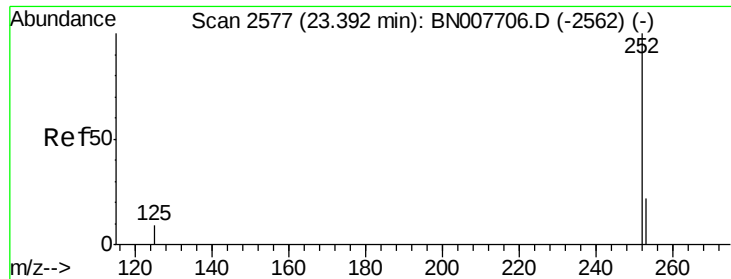


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.37 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

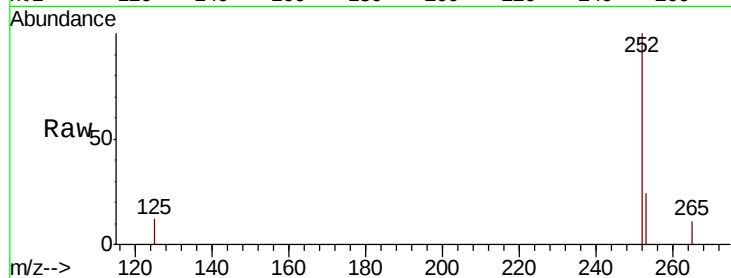
Tot Ion:252 Resp: 35813

Ion Ratio Lower Upper

252 100

253 23.5 18.6 27.8

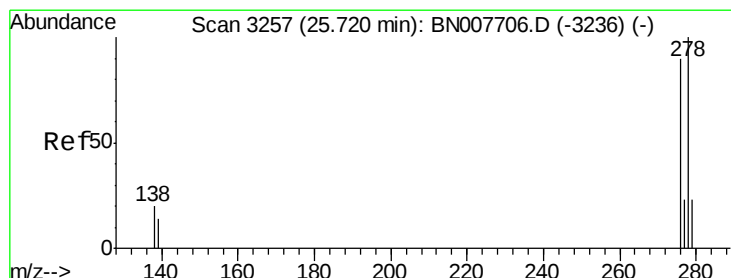
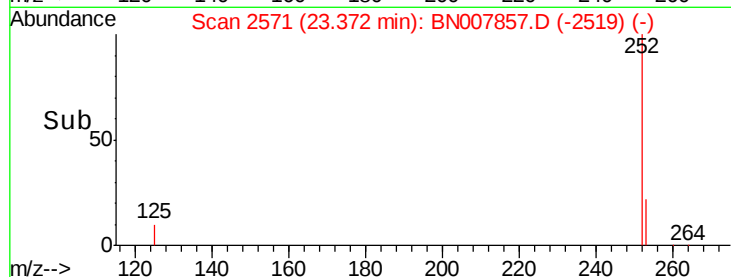
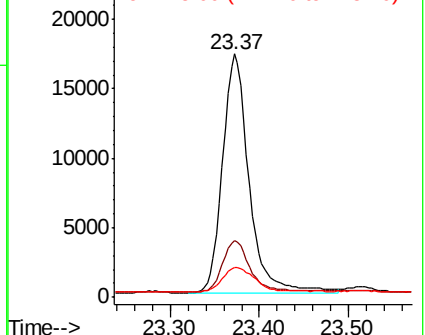
125 12.3 9.4 14.0



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: 0.377 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.03 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

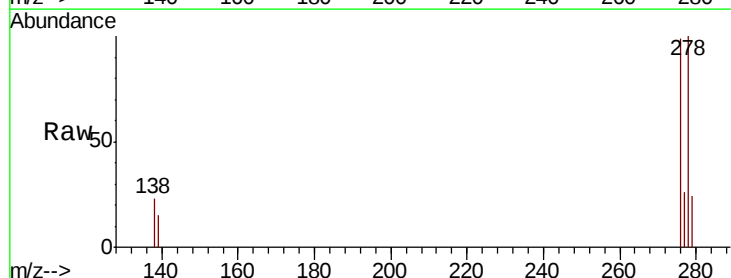
Tgt Ion:278 Resp: 35660

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

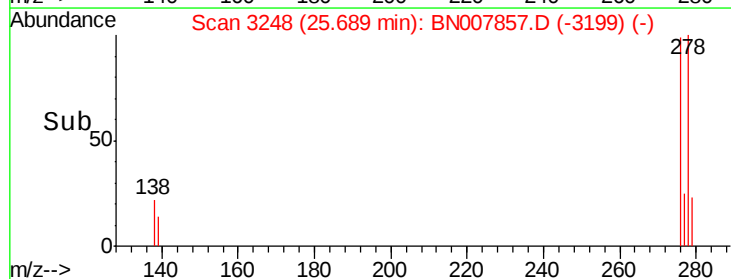
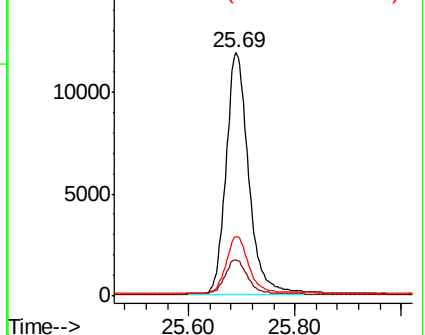
279 24.3 19.4 29.2

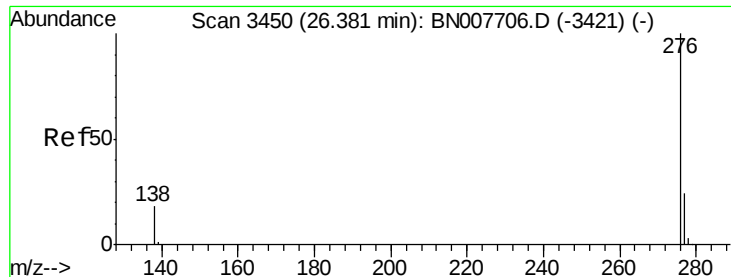


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.383 ng

RT: 26.35 min Scan# 3441

Delta R.T. -0.03 min

Lab File: BN007857.D

Acq: 25 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

PB123223BS

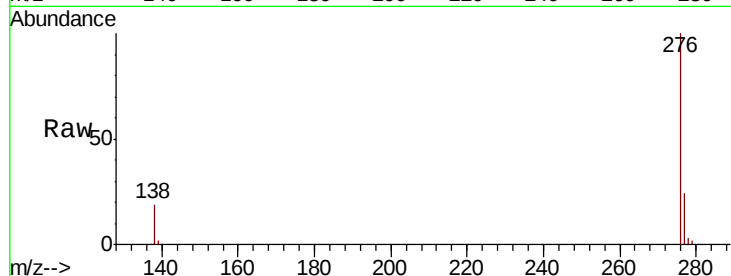
Tot Ion: 276 Resp: 35888

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 19.2 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

