

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009436.D
 Acq On : 24 Jan 2020 10:40
 Operator : CG/JU
 Sample : PB126283BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126283BS

Quant Time: Jan 24 12:17:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1810	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	6658	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	4377	0.40	ng	-0.02
19) Phenanthrene-d10	16.85	188	9308	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	8293	0.40	ng	-0.01
34) Perylene-d12	23.18	264	8385	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1654	0.40	ng	0.00
5) Phenol-d6	6.67	99	1991	0.41	ng	0.00
8) Nitrobenzene-d5	8.62	82	2113	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	5078	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.61	330	653	0.39	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	6737	0.41	ng	0.00
25) Fluoranthene-d10	18.89	212	11660	0.37	ng	-0.01
29) Terphenyl-d14	19.51	244	7955	0.40	ng	-0.01

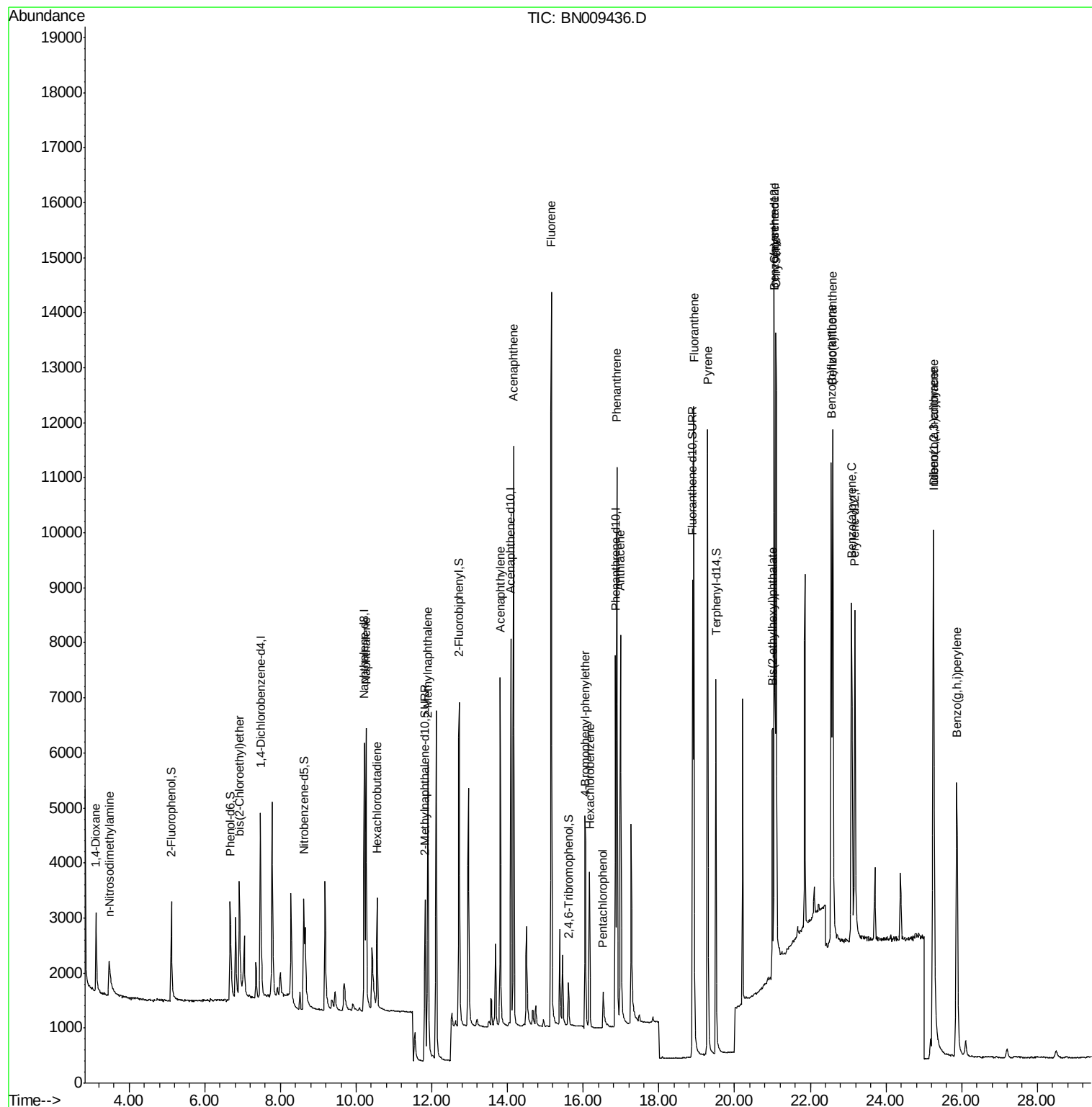
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	703	0.372	ng	98
3) n-Nitrosodimethylamine	3.47	42	1053	0.361	ng	# 94
6) bis(2-Chloroethyl)ether	6.92	93	1870	0.377	ng	99
9) Naphthalene	10.27	128	7182	0.399	ng	98
10) Hexachlorobutadiene	10.56	225	1541	0.390	ng	# 99
12) 2-Methylnaphthalene	11.89	142	4959	0.395	ng	99
16) Acenaphthylene	13.81	152	7159	0.379	ng	100
17) Acenaphthene	14.16	154	5158	0.389	ng	100
18) Fluorene	15.16	166	6516	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	2156	0.385	ng	# 88
21) Hexachlorobenzene	16.17	284	2373	0.398	ng	97
22) Pentachlorophenol	16.53	266	572	0.418	ng	95
23) Phenanthrene	16.89	178	10678	0.382	ng	100
24) Anthracene	16.99	178	8879	0.378	ng	100
26) Fluoranthene	18.92	202	12128	0.370	ng	100
28) Pyrene	19.29	202	12223	0.389	ng	100
30) Benzo(a)anthracene	21.05	228	10219	0.375	ng	98
31) Chrysene	21.09	228	12083	0.388	ng	98
32) Bis(2-ethylhexyl)phthalate	20.99	149	4933	0.409	ng	98
33) Indeno(1,2,3-cd)pyrene	25.24	276	12701	0.392	ng	99
35) Benzo(b)fluoranthene	22.55	252	11388	0.369	ng	97
36) Benzo(k)fluoranthene	22.59	252	12649	0.372	ng	98
37) Benzo(a)pyrene	23.09	252	10284	0.379	ng	96
38) Dibenzo(a,h)anthracene	25.25	278	10156	0.372	ng	96
39) Benzo(g,h,i)perylene	25.87	276	10725	0.357	ng	99

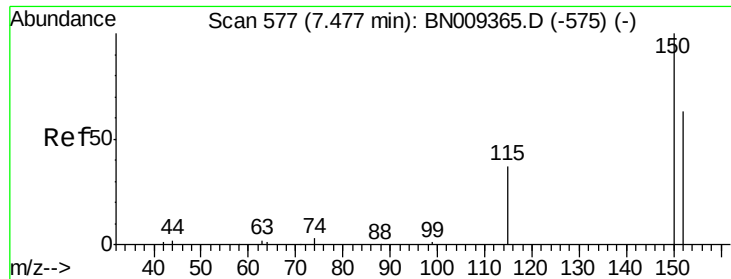
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

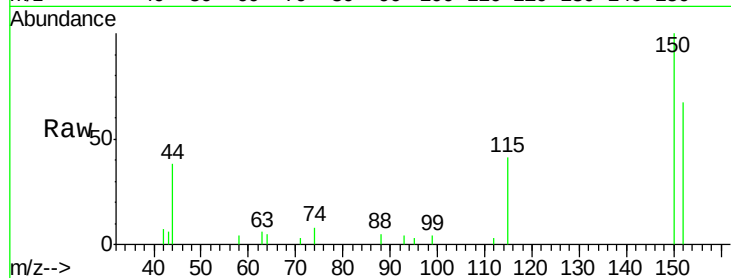
Tot Ion:152 Resp: 1810

Ion Ratio Lower Upper

152 100

150 149.8 125.7 188.5

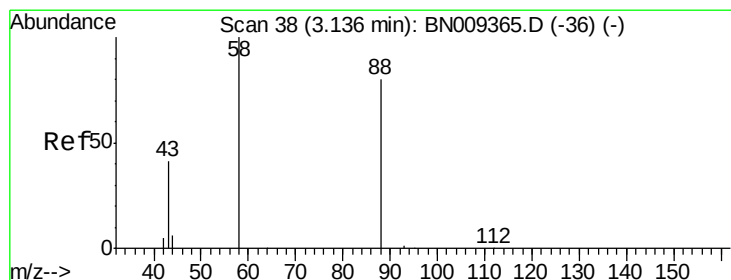
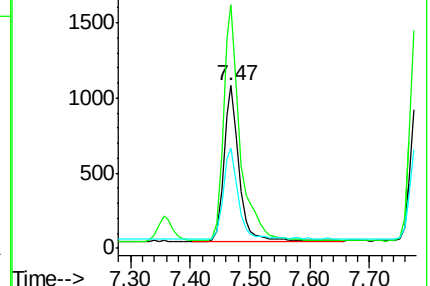
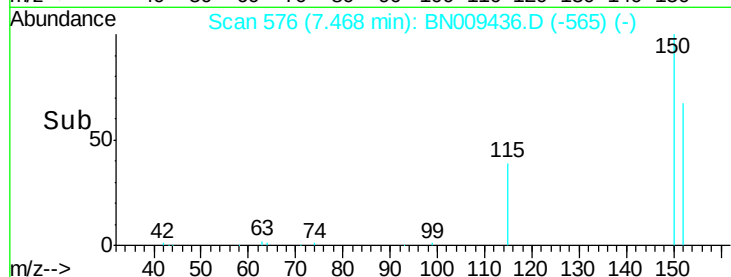
115 61.4 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.372 ng

RT: 3.13 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

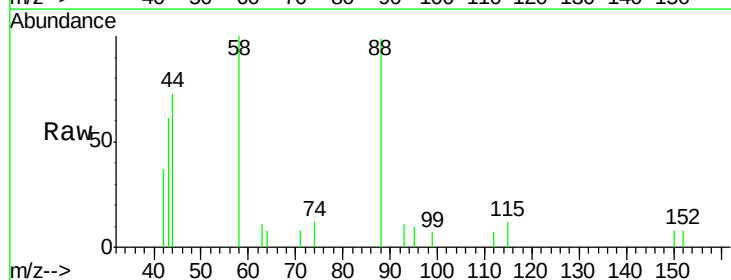
Tgt Ion: 88 Resp: 703

Ion Ratio Lower Upper

88 100

58 127.3 100.2 150.2

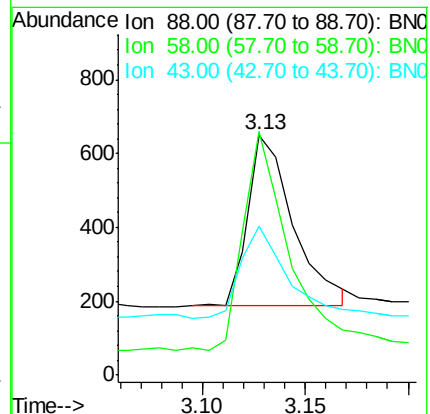
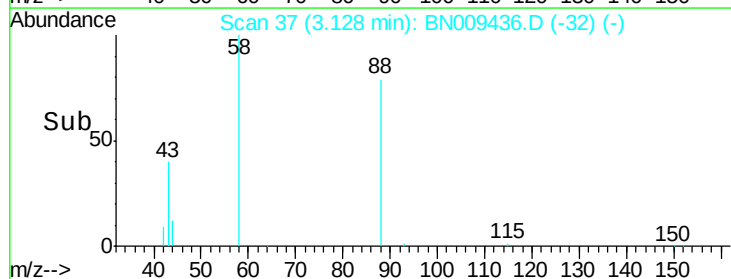
43 54.9 43.1 64.7

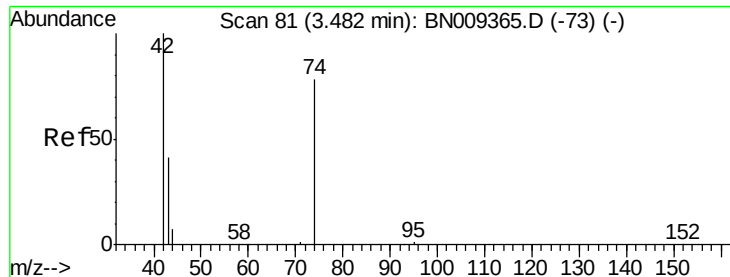


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



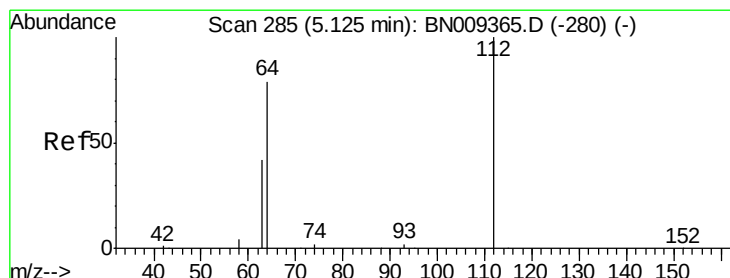
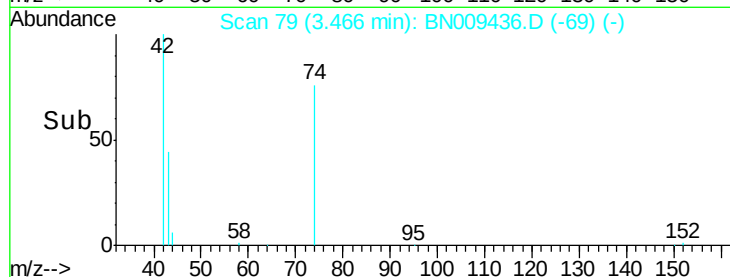
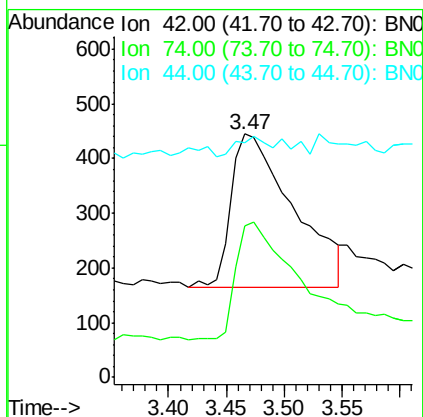
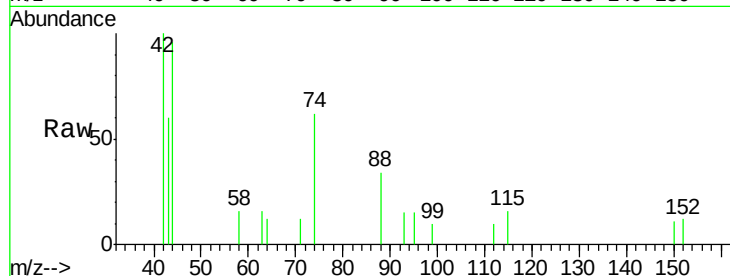


#3

n-Nitrosodimethylamine
 Concen: 0.361 ng
 RT: 3.47 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BN009436.D
 Acq: 24 Jan 2020 10:40

Instrument :
 BNA_N
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 PB126283BS

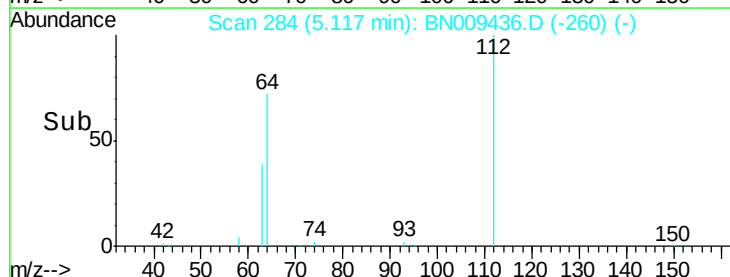
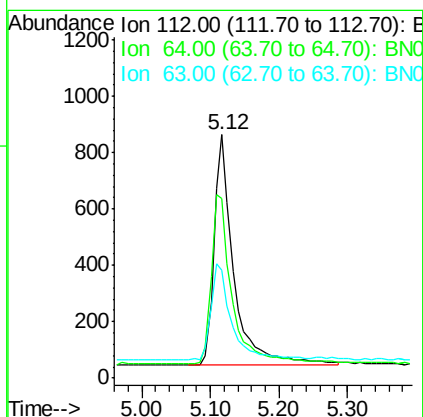
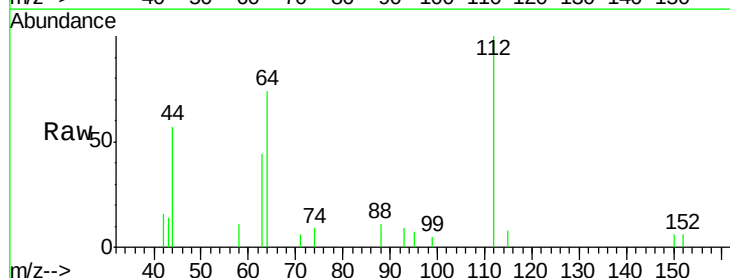
Tot Ion: 42 Resp: 1053
 Ion Ratio Lower Upper
 42 100
 74 72.8 55.8 83.8
 44 6.1 11.1 16.7#

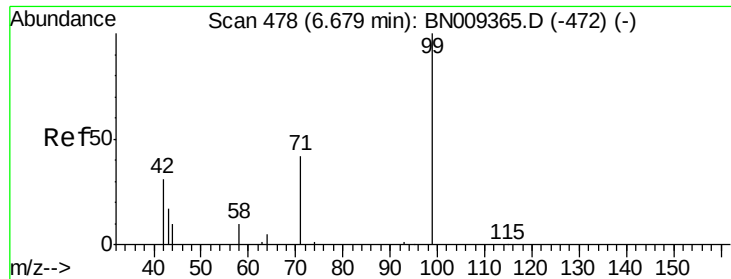


#4

2-Fluorophenol
 Concen: 0.397 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009436.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 112 Resp: 1654
 Ion Ratio Lower Upper
 112 100
 64 77.6 61.5 92.3
 63 43.7 35.0 52.4





#5

Phenol-d6

Concen: 0.413 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

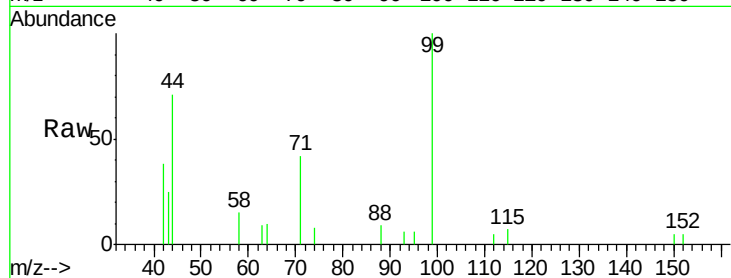
Tot Ion: 99 Resp: 1991

Ion Ratio Lower Upper

99 100

42 34.4 27.6 41.4

71 41.3 33.0 49.6



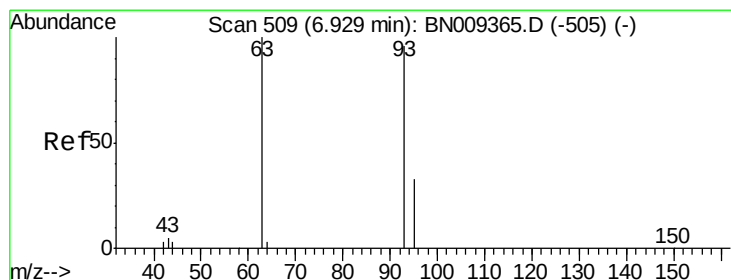
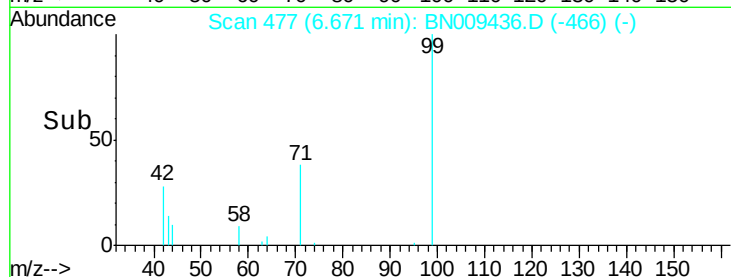
Abundance Ion 99.00 (98.70 to 99.70): BN009436.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009436.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009436.D (-472) (-)

6.67

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

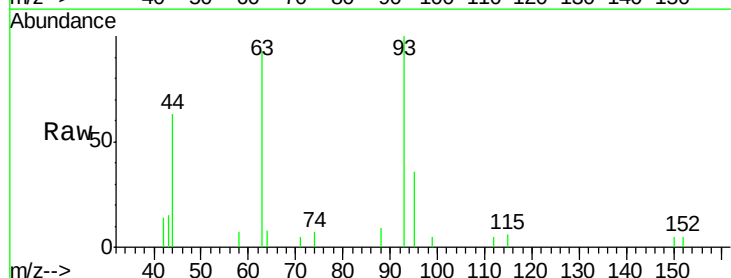
Tgt Ion: 93 Resp: 1870

Ion Ratio Lower Upper

93 100

63 106.5 85.1 127.7

95 36.0 30.2 45.4



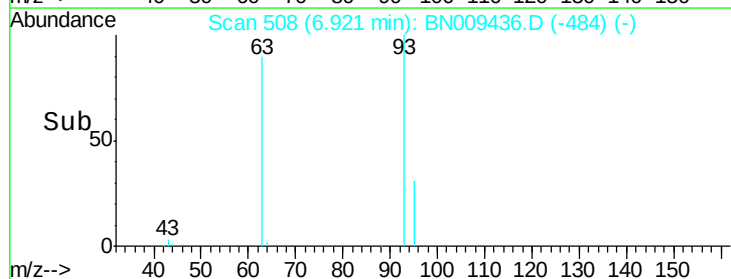
Abundance Ion 93.00 (92.70 to 93.70): BN009436.D (-505) (-)

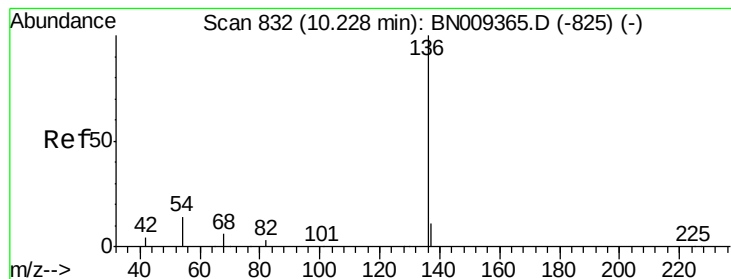
Ion 63.00 (62.70 to 63.70): BN009436.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009436.D (-505) (-)

6.92

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

Tot Ion:136 Resp: 6658

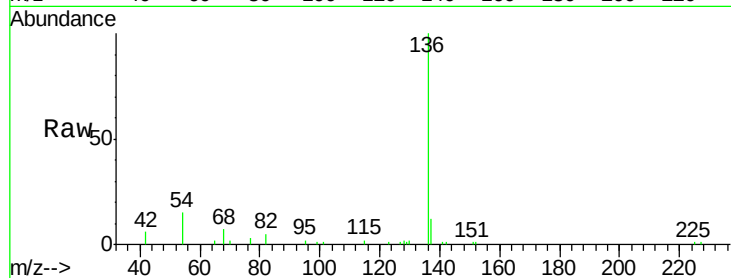
Ion Ratio Lower Upper

136 100

137 12.0 10.3 15.5

54 14.8 12.6 19.0

68 7.1 6.5 9.7

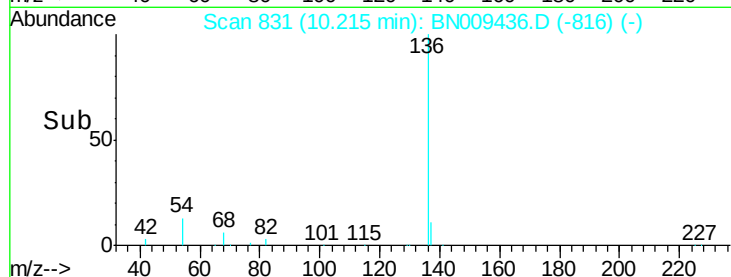


Abundance Ion 136.00 (135.70 to 136.70): E

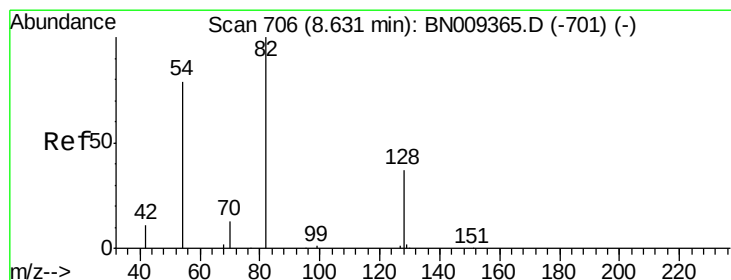
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.398 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

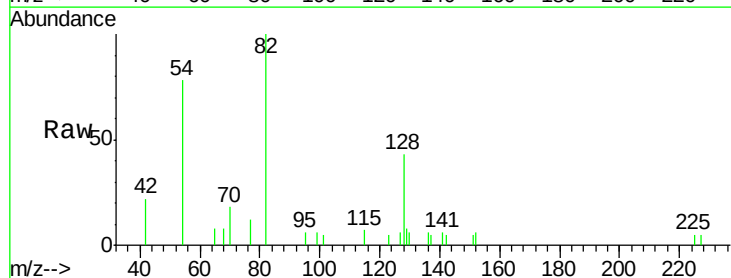
Tgt Ion: 82 Resp: 2113

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

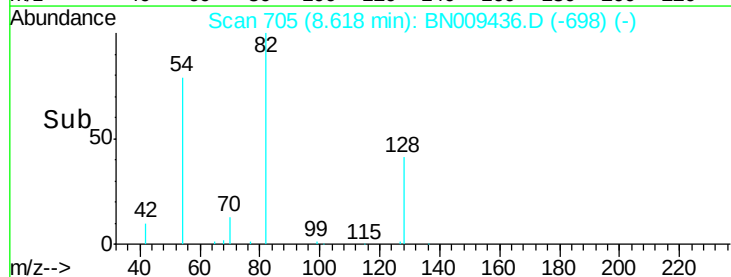
54 78.0 65.8 98.6



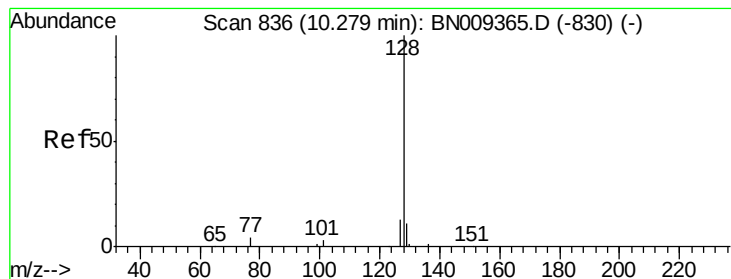
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.399 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

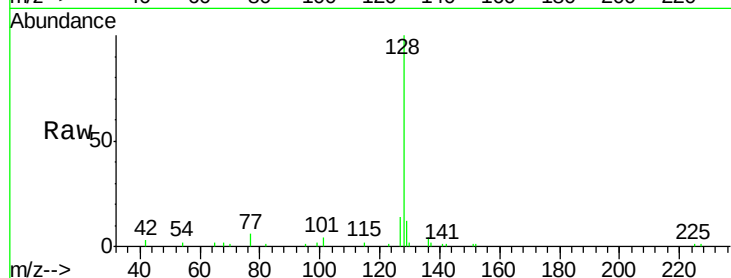
Tot Ion:128 Resp: 7182

Ion Ratio Lower Upper

128 100

129 12.0 10.4 15.6

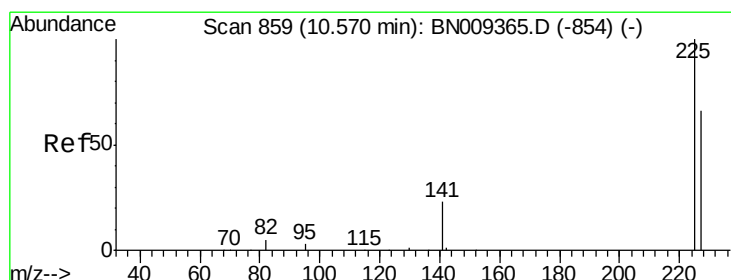
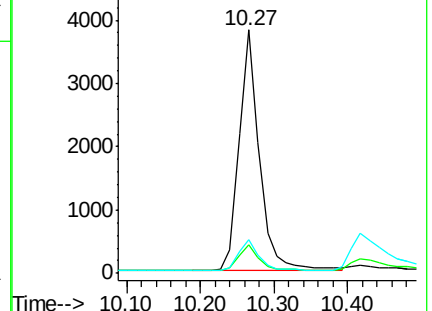
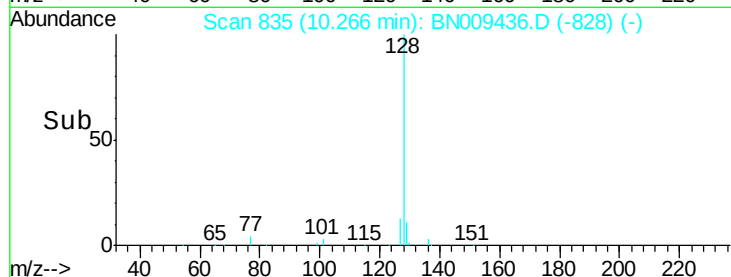
127 13.8 11.4 17.2



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: 0.390 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

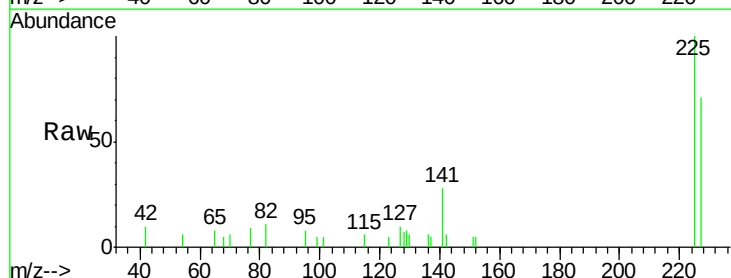
Tgt Ion:225 Resp: 1541

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

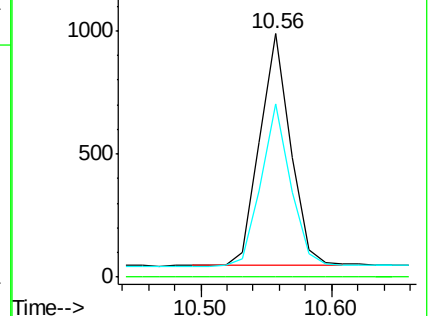
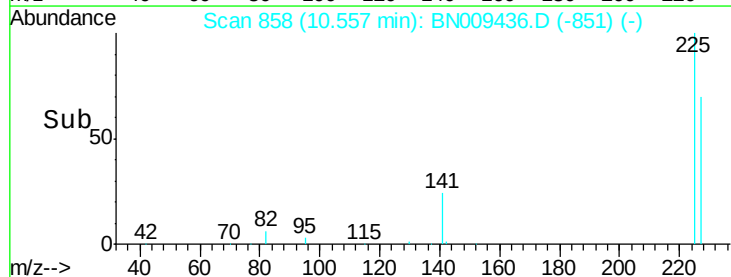
227 66.4 52.6 78.8

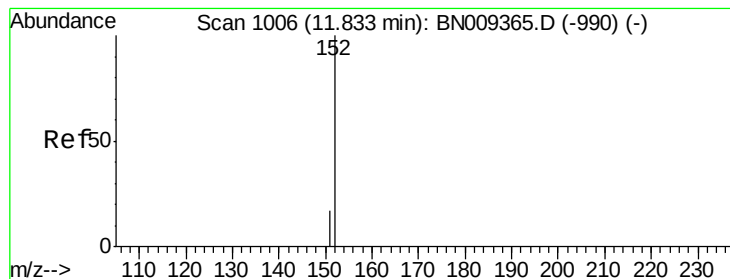


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

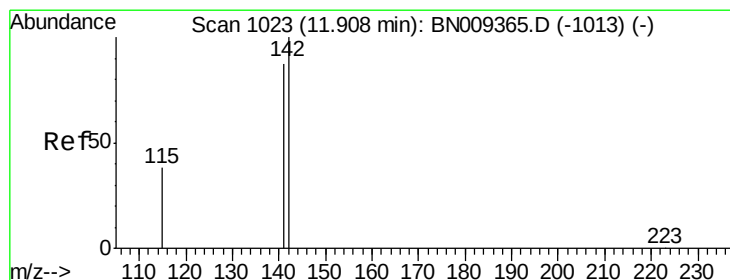
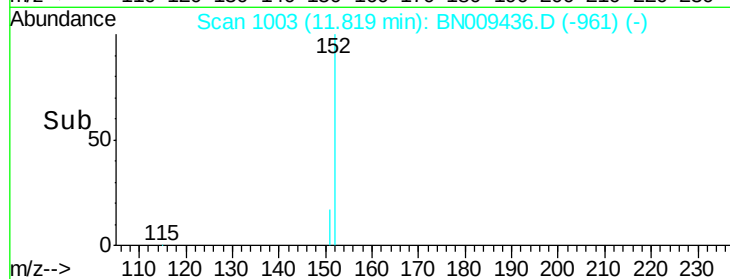
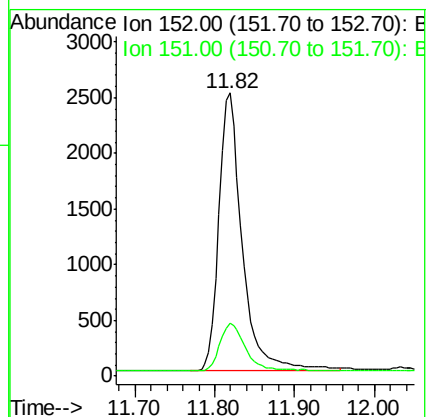
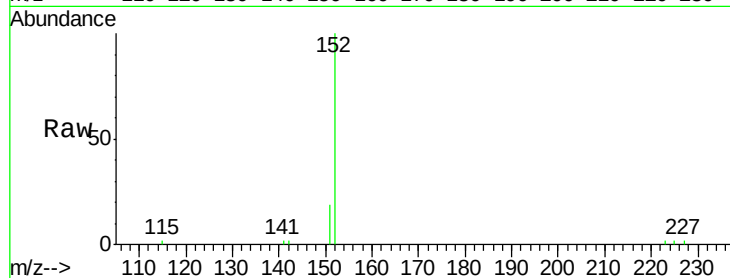
PB126283BS

Tot Ion:152 Resp: 5078

Ion Ratio Lower Upper

152 100

151 18.6 14.8 22.2



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

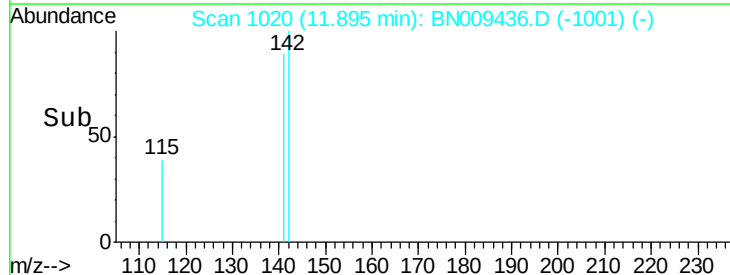
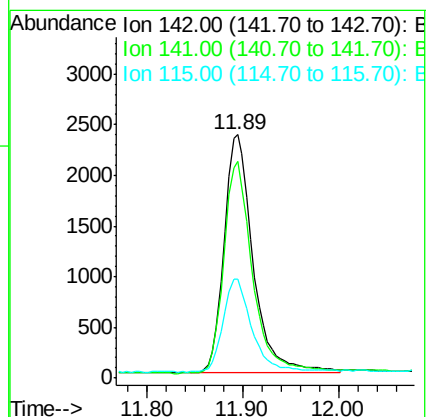
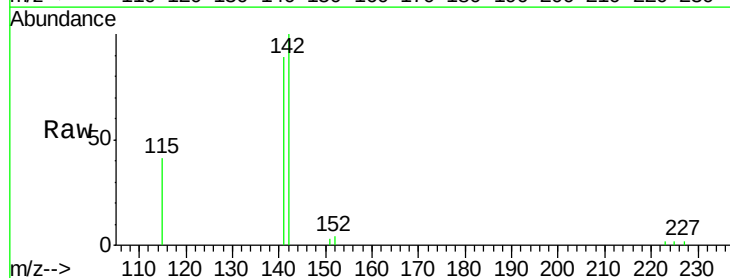
Tgt Ion:142 Resp: 4959

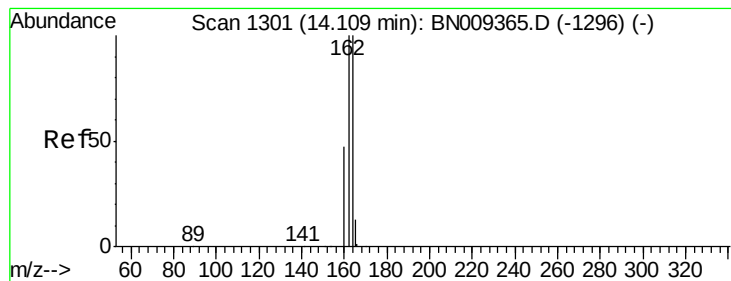
Ion Ratio Lower Upper

142 100

141 89.1 69.8 104.6

115 40.6 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

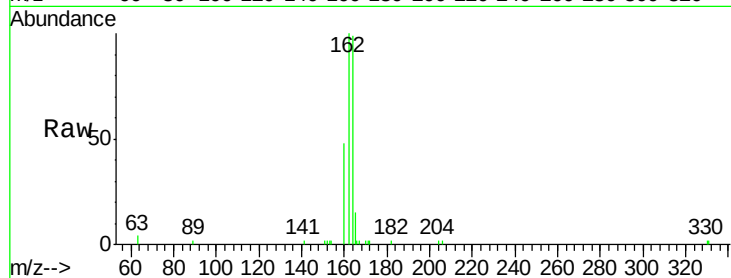
Tot Ion:164 Resp: 4377

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.6

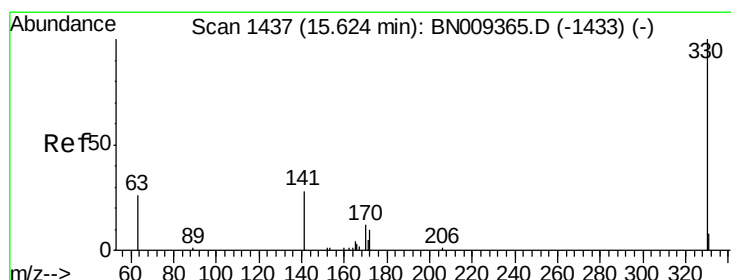
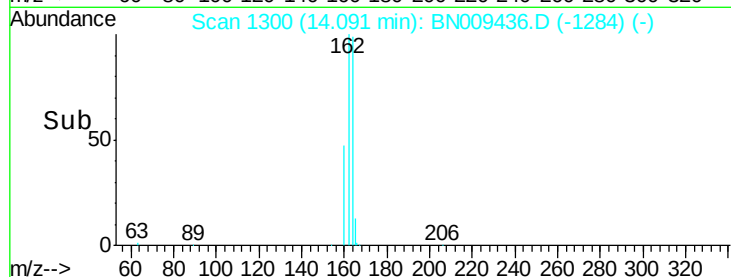
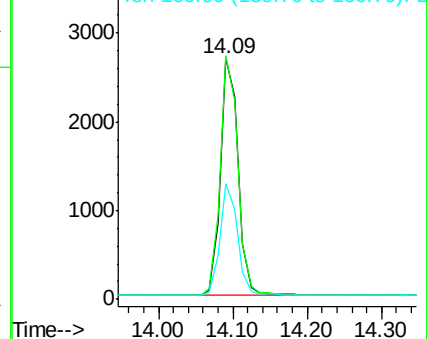
160 48.2 38.4 57.6



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: 0.395 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

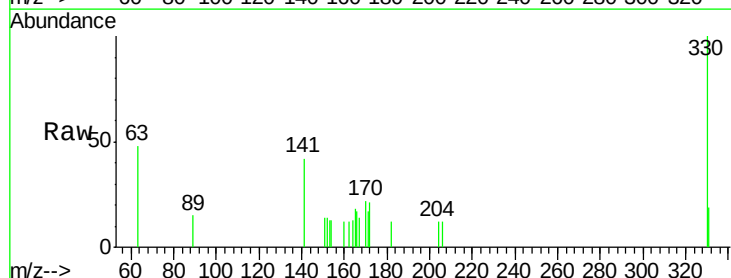
Tgt Ion:330 Resp: 653

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

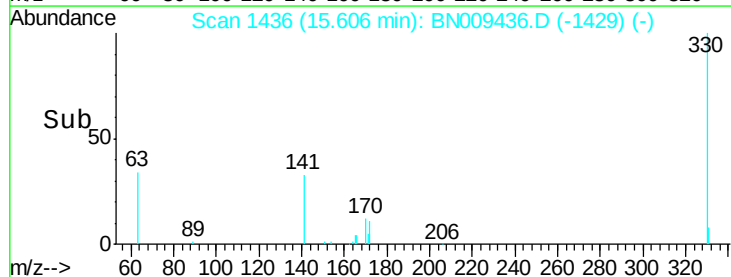
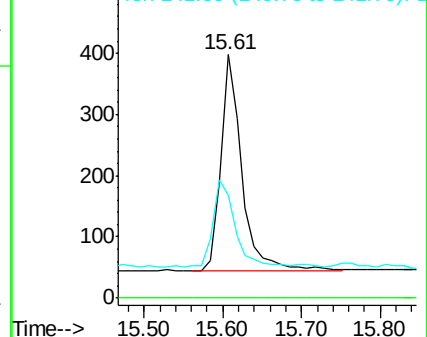
141 41.5 33.1 49.7

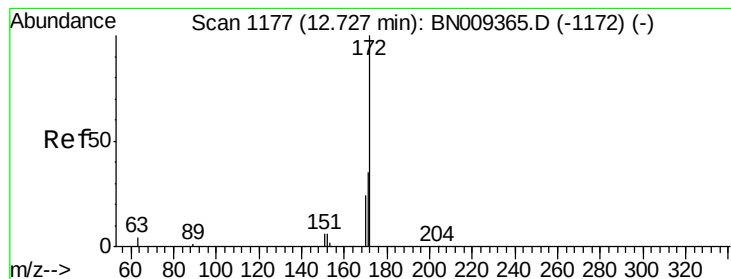


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

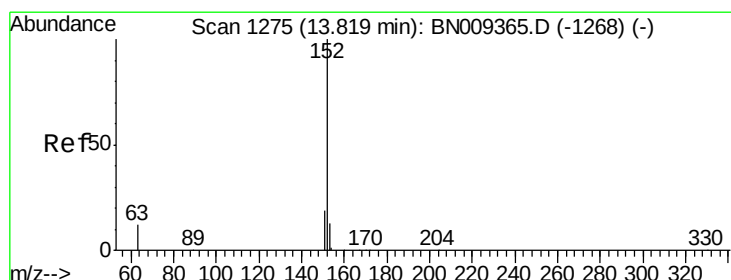
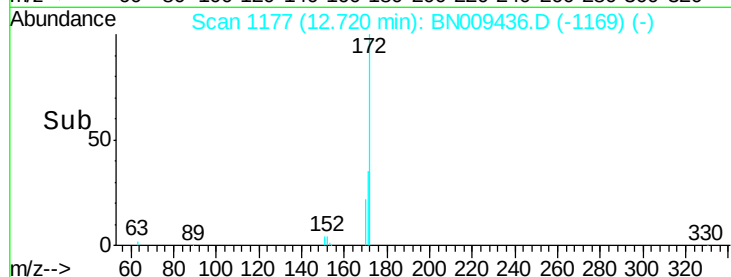
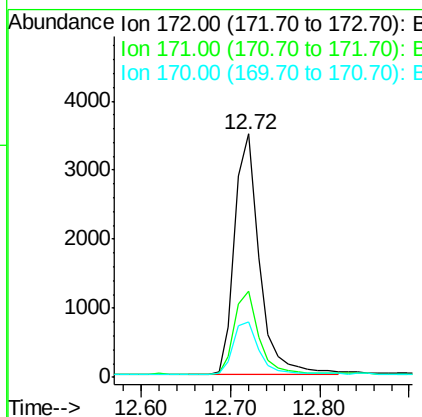
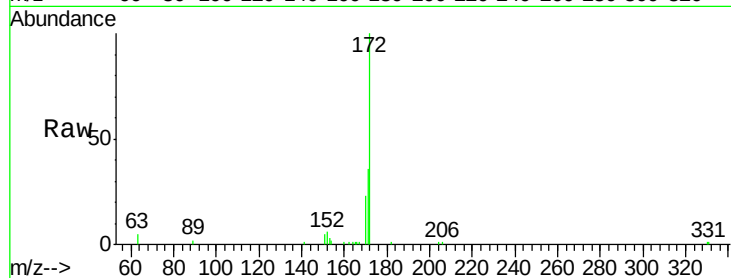




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

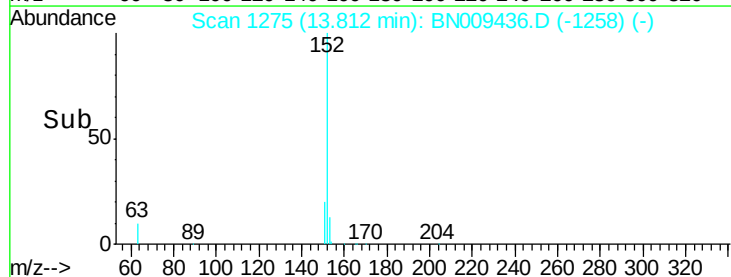
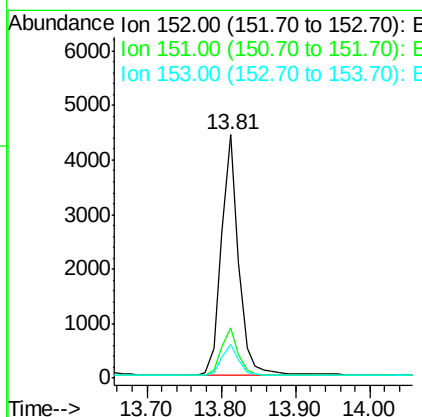
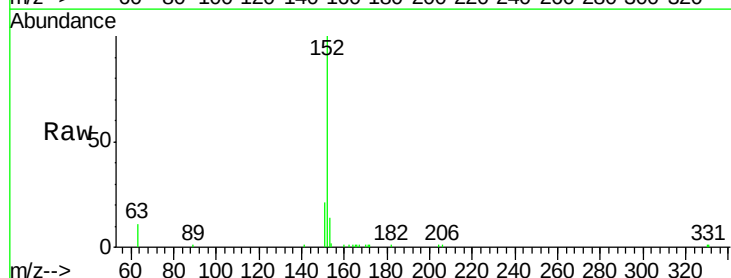
Instrument :
BNA_N
ClientSampleId :
PB126283BS

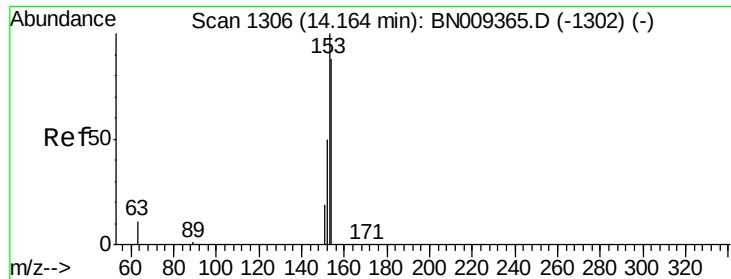
Tot Ion:172 Resp: 6737
Ion Ratio Lower Upper
172 100
171 35.6 29.5 44.3
170 22.7 20.7 31.1



#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:152 Resp: 7159
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

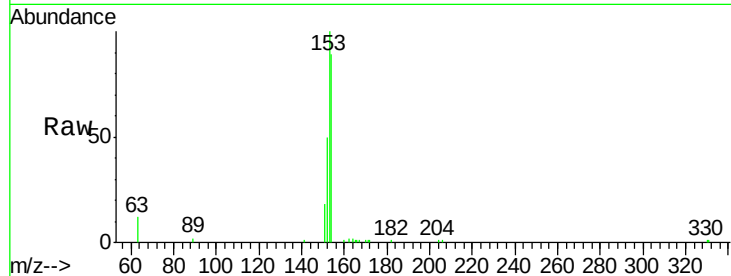
Tot Ion:154 Resp: 5158

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

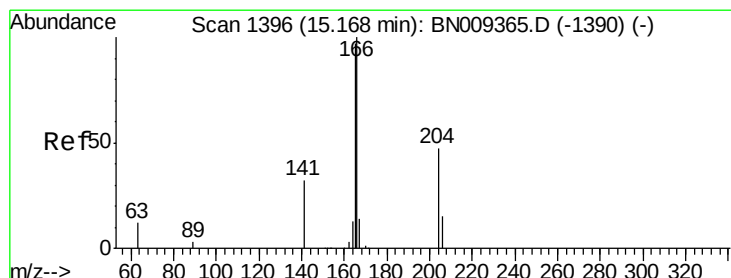
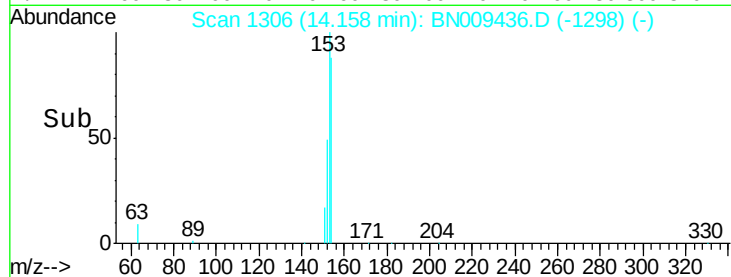
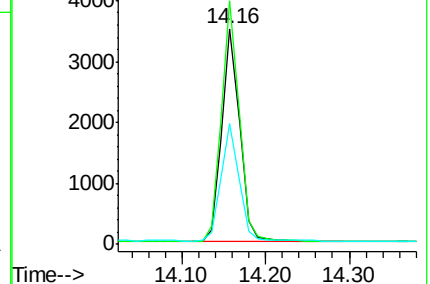
152 55.9 45.3 67.9



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: 0.377 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

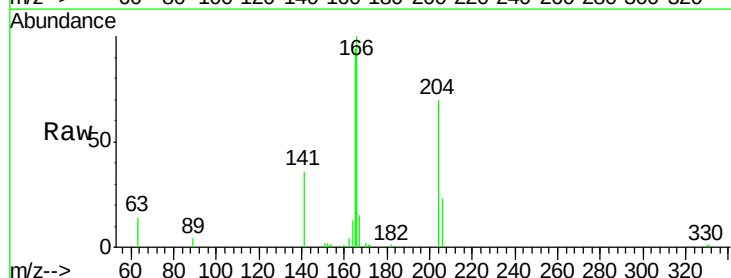
Tgt Ion:166 Resp: 6516

Ion Ratio Lower Upper

166 100

165 96.5 78.2 117.2

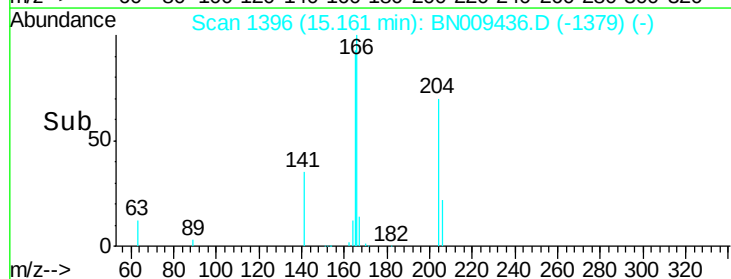
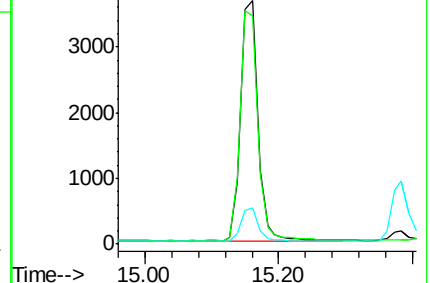
167 13.6 11.0 16.6

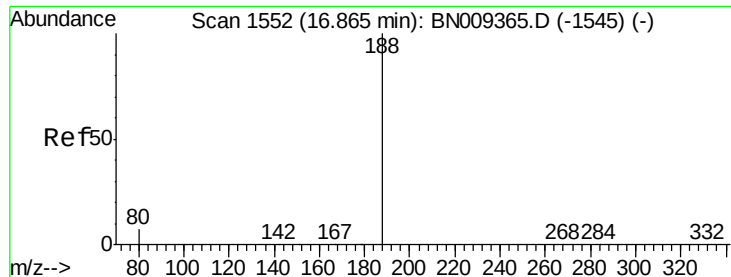


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

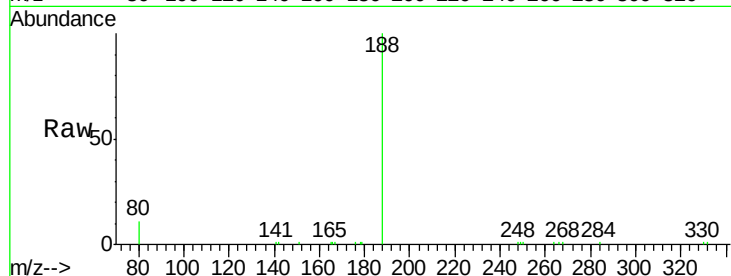
Tot Ion:188 Resp: 9308

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

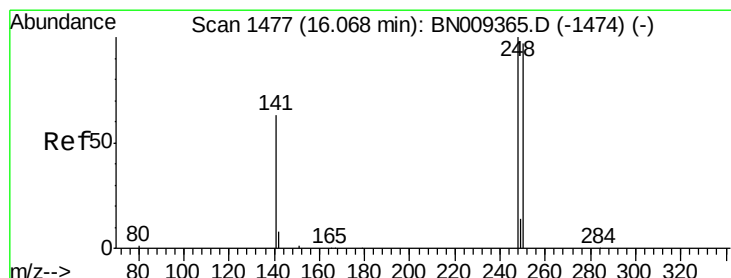
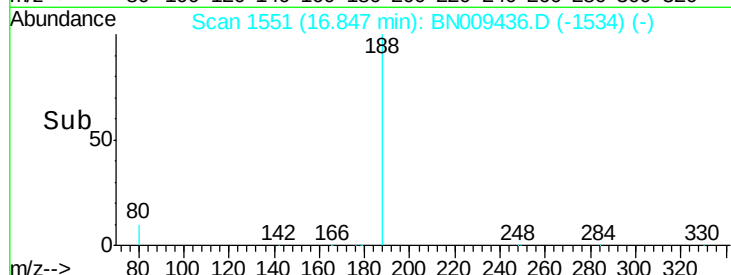
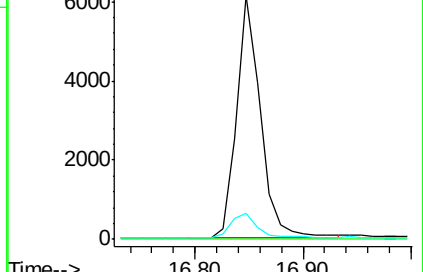
80 10.9 6.6 10.0#



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: 0.385 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

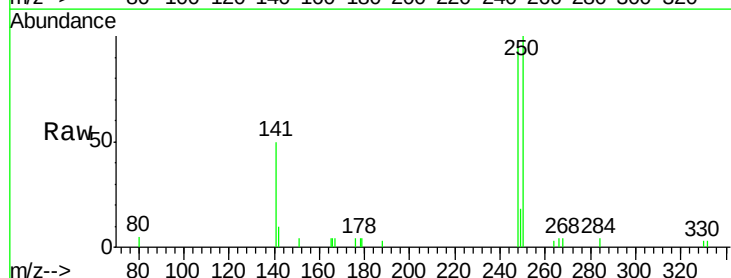
Tgt Ion:248 Resp: 2156

Ion Ratio Lower Upper

248 100

250 105.7 77.8 116.8

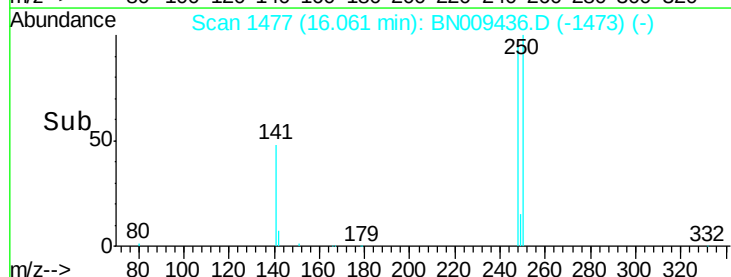
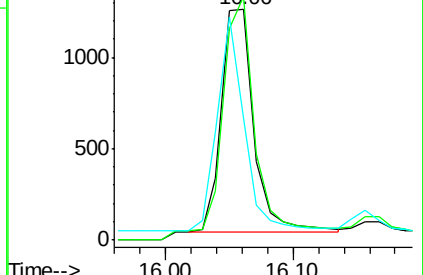
141 53.0 53.4 80.0#

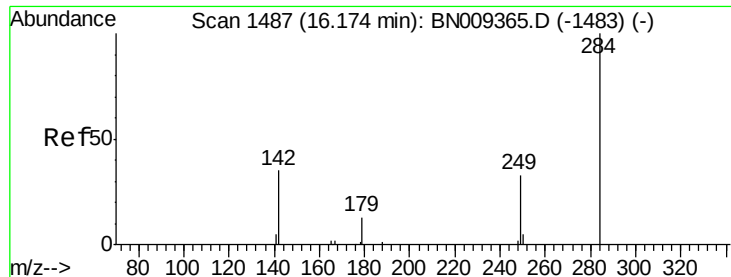


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.398 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

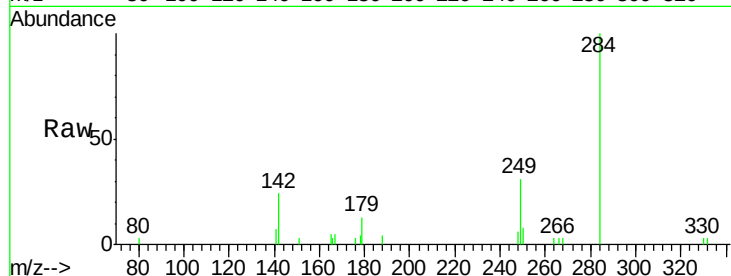
Tot Ion:284 Resp: 2373

Ion Ratio Lower Upper

284 100

142 40.2 33.8 50.8

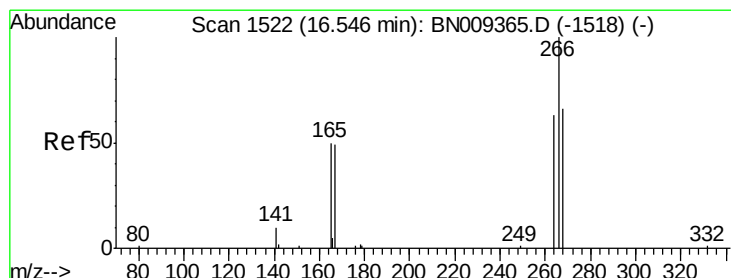
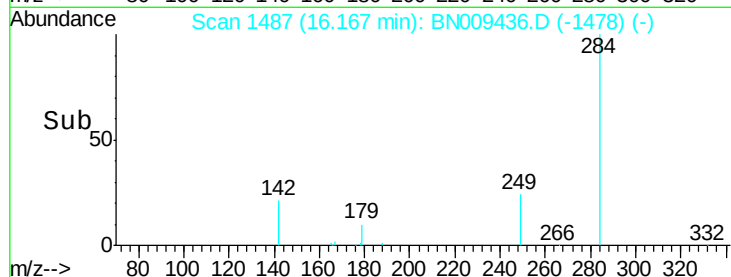
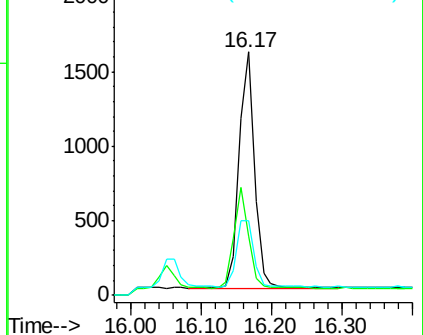
249 32.0 27.0 40.4



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: 0.418 ng

RT: 16.53 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

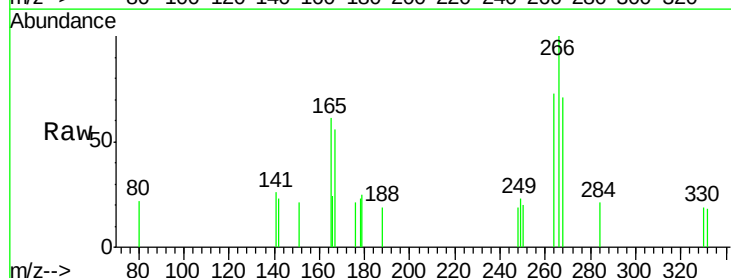
Tgt Ion:266 Resp: 572

Ion Ratio Lower Upper

266 100

264 73.1 57.8 86.6

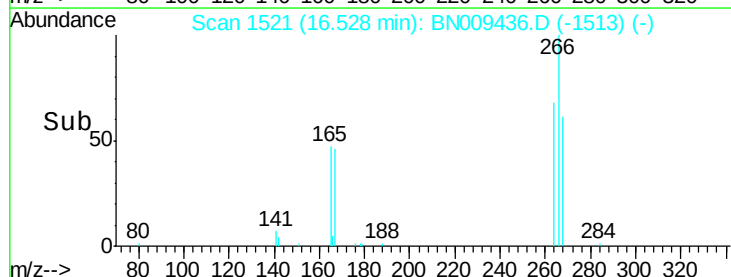
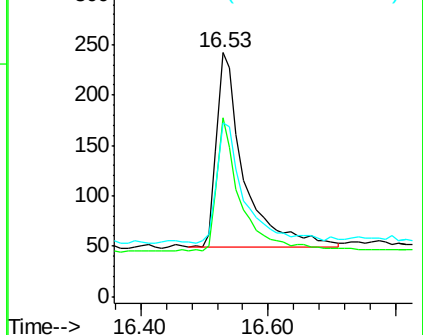
268 71.5 63.8 95.6

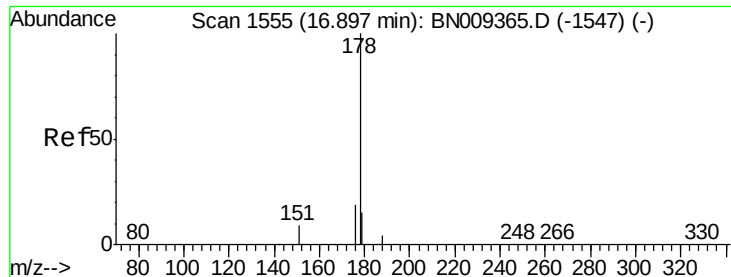


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

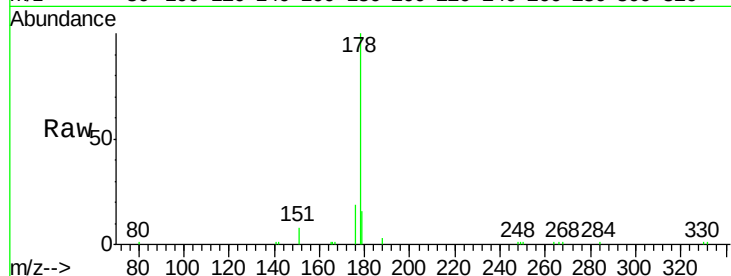
Tot Ion:178 Resp: 10678

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

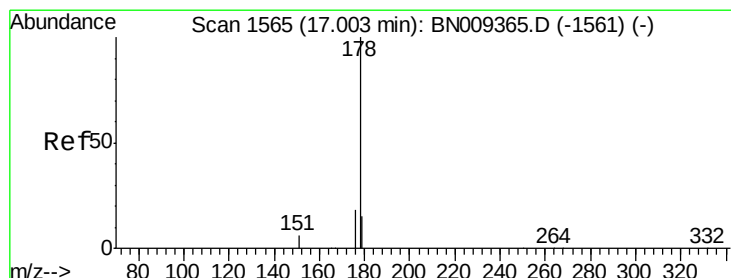
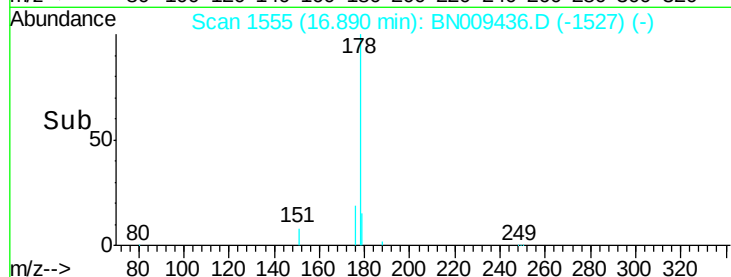
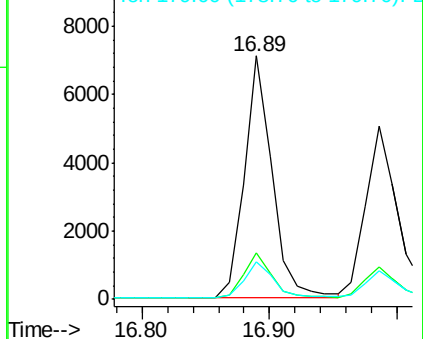
179 15.4 12.3 18.5



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: 0.378 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

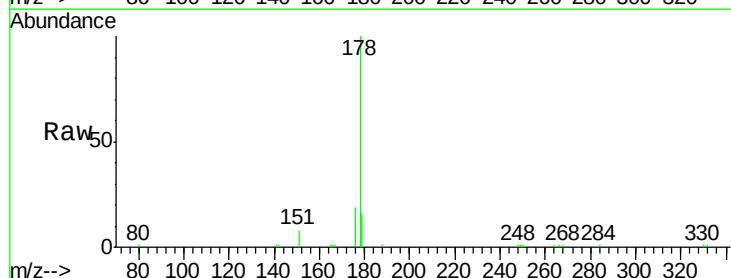
Tgt Ion:178 Resp: 8879

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

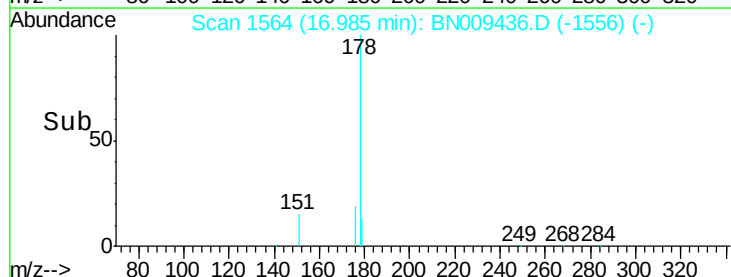
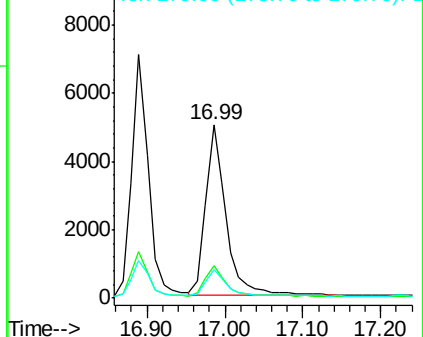
179 15.5 12.5 18.7

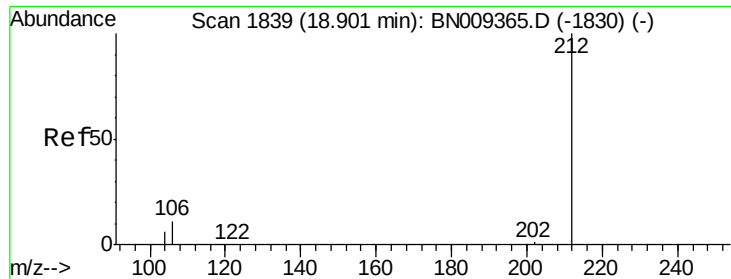


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

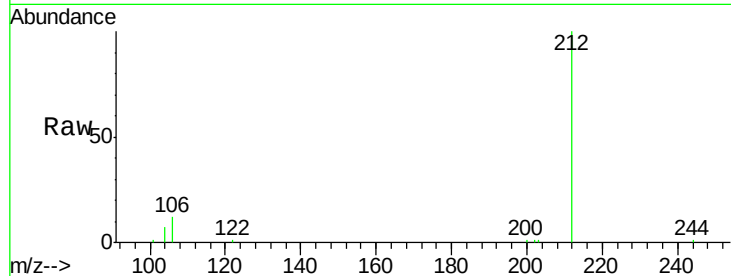
Tot Ion:212 Resp: 11660

Ion Ratio Lower Upper

212 100

106 12.0 9.2 13.8

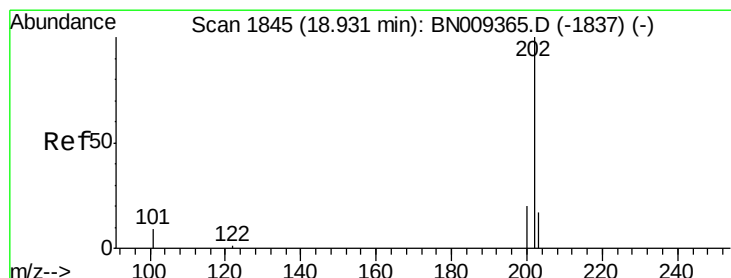
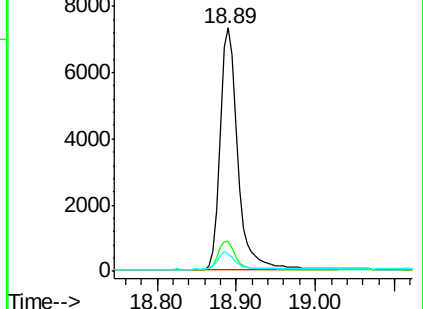
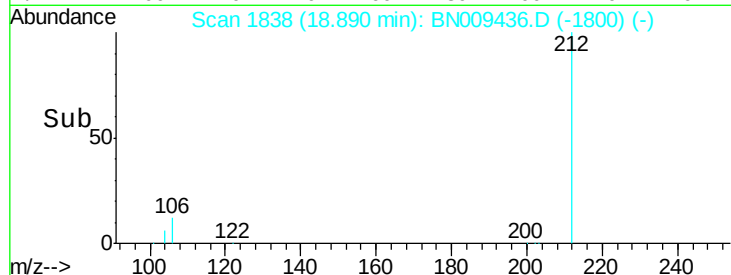
104 7.0 5.4 8.0



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: 0.370 ng

RT: 18.92 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

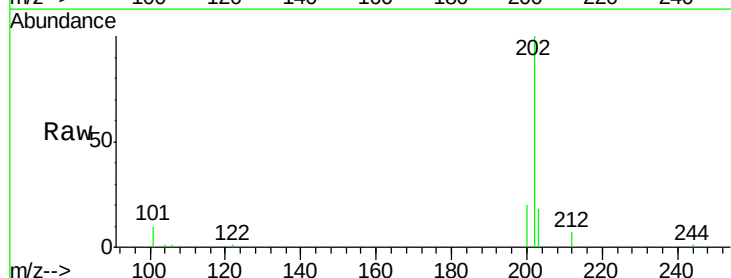
Tgt Ion:202 Resp: 12128

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

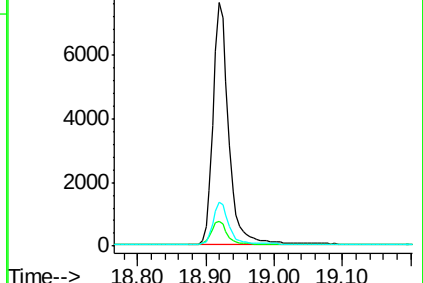
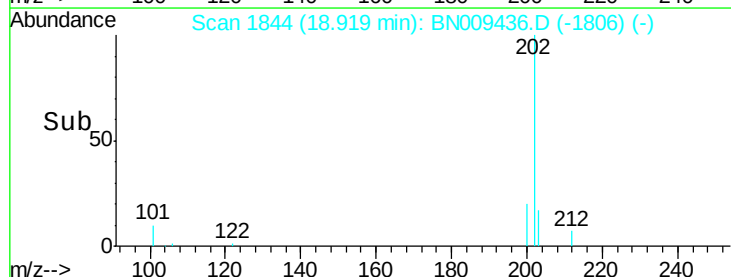
203 16.8 13.5 20.3

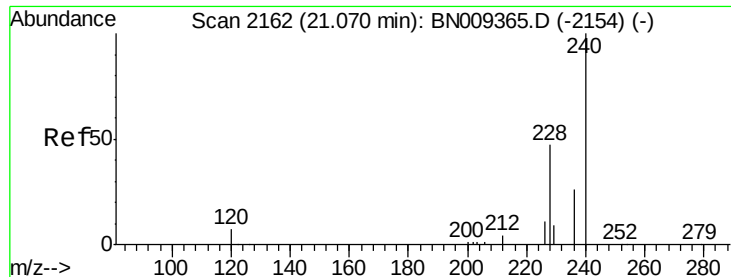


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

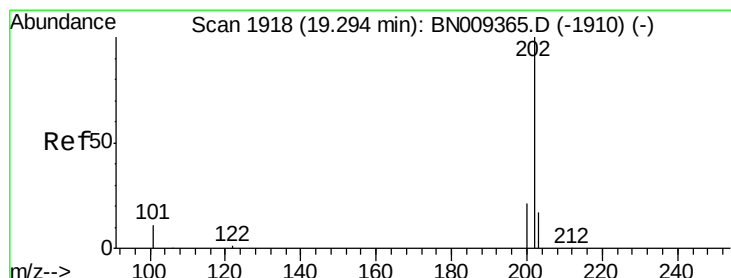
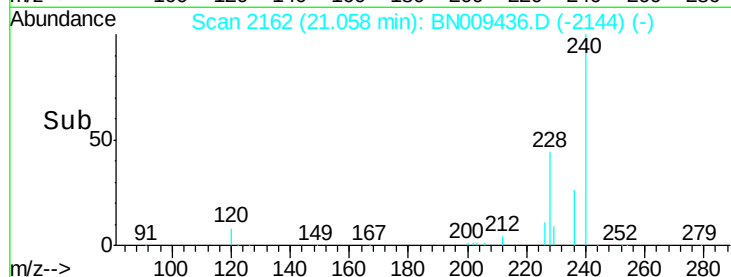
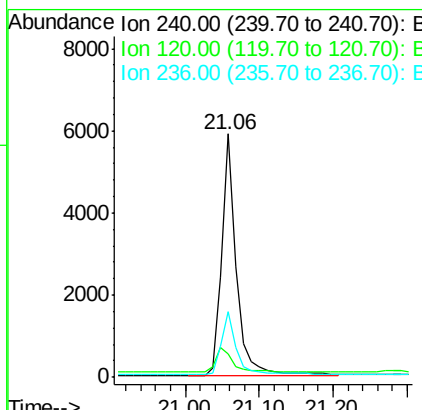
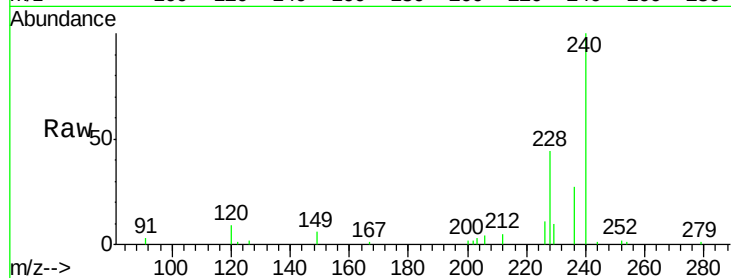




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BN009436.D
 Acq: 24 Jan 2020 10:40

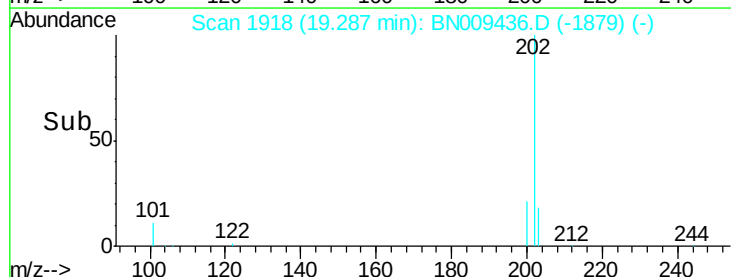
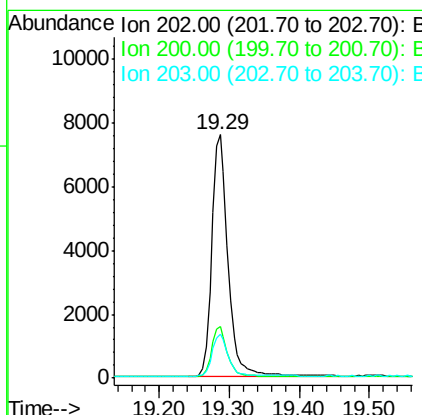
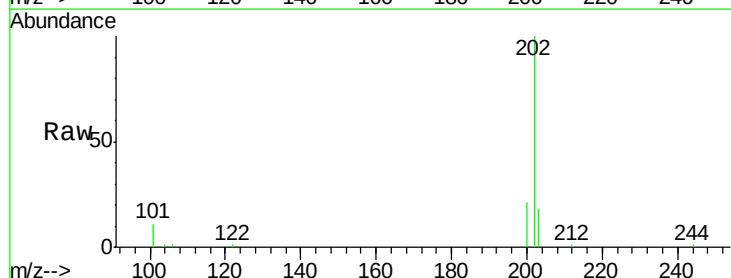
Instrument :
 BNA_N
 ClientSampleId :
 PB126283BS

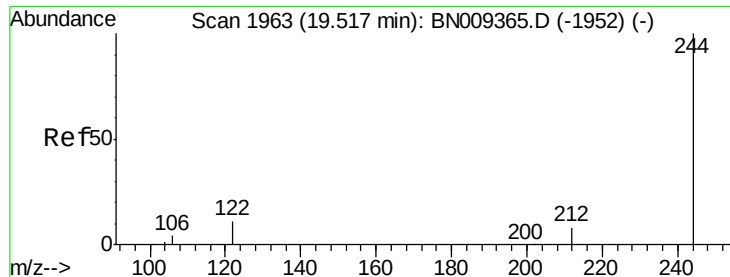
Tot Ion:240 Resp: 8293
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.1 12.1
 236 27.1 22.2 33.4



#28
 Pyrene
 Concen: 0.389 ng
 RT: 19.29 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BN009436.D
 Acq: 24 Jan 2020 10:40

Tgt Ion:202 Resp: 12223
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.2
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

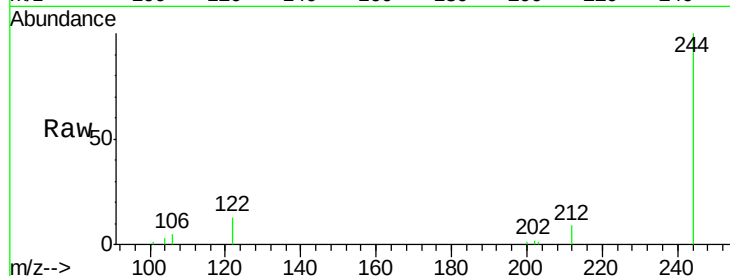
Tot Ion:244 Resp: 7955

Ion Ratio Lower Upper

244 100

212 9.0 7.5 11.3

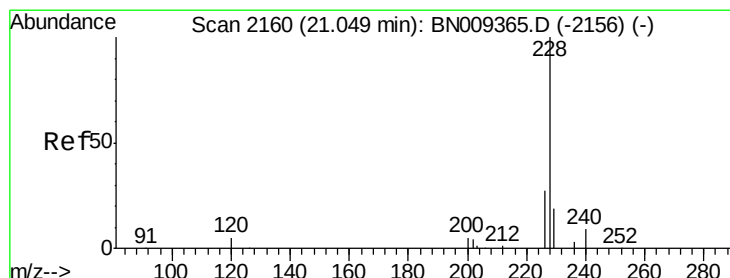
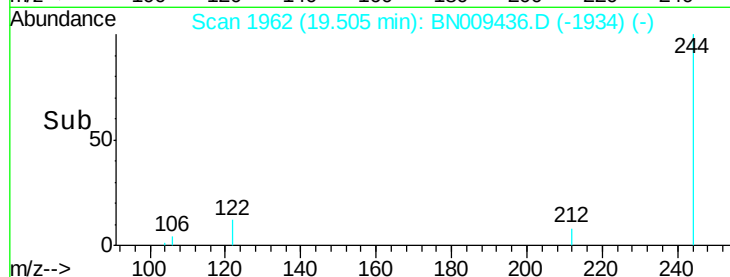
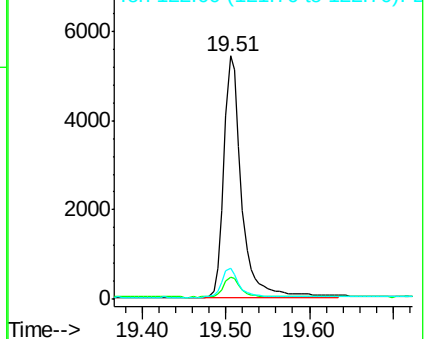
122 12.6 9.8 14.6



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: 0.375 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

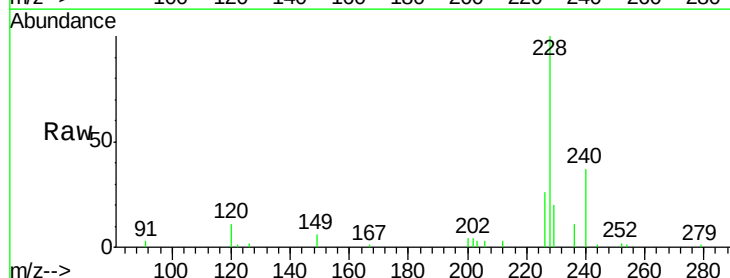
Tgt Ion:228 Resp: 10219

Ion Ratio Lower Upper

228 100

226 26.3 22.5 33.7

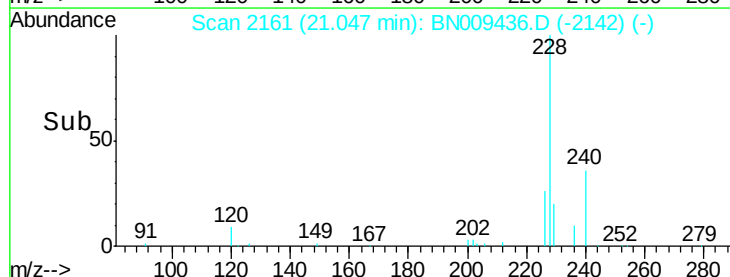
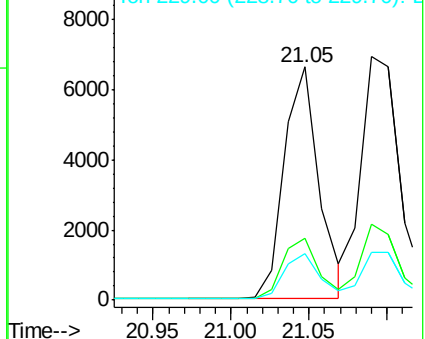
229 20.2 16.1 24.1

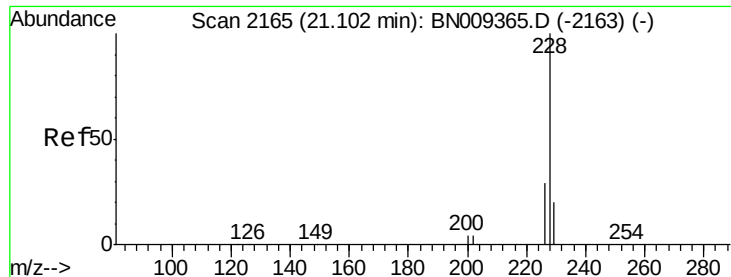


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

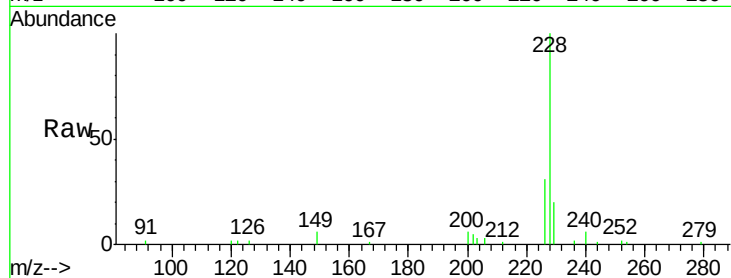
Tot Ion:228 Resp: 12083

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

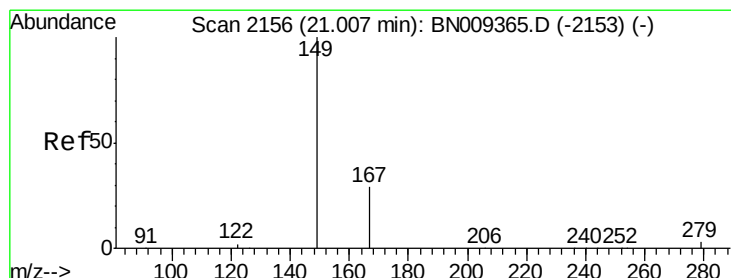
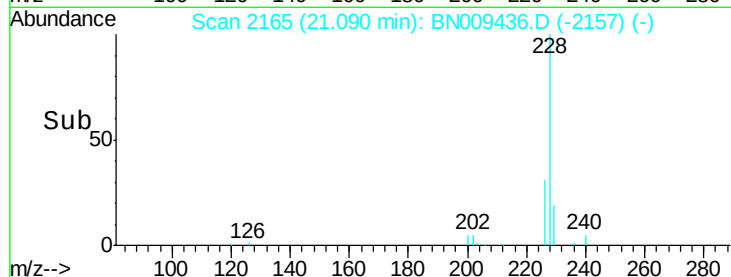
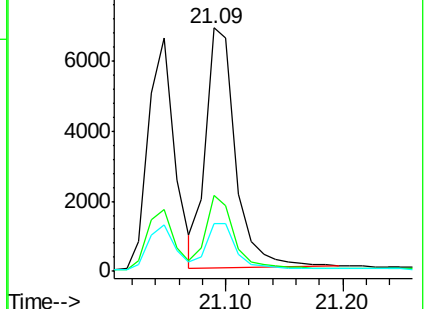
229 19.7 16.6 24.8



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: 0.409 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

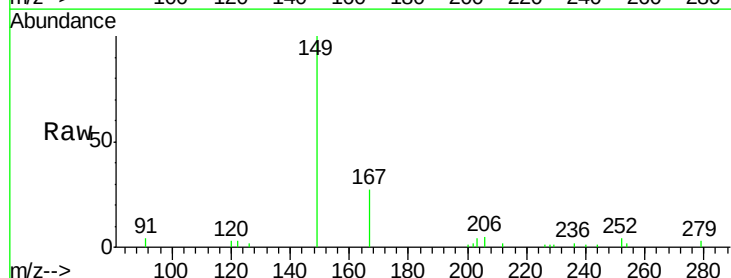
Tgt Ion:149 Resp: 4933

Ion Ratio Lower Upper

149 100

167 27.4 22.9 34.3

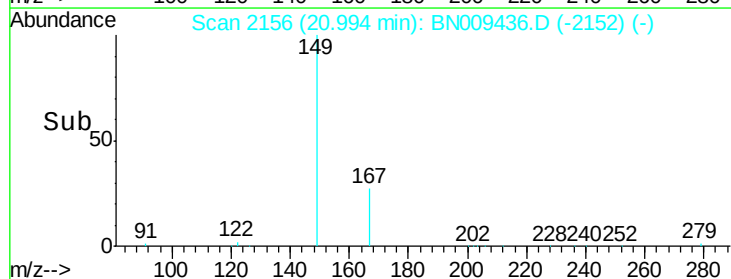
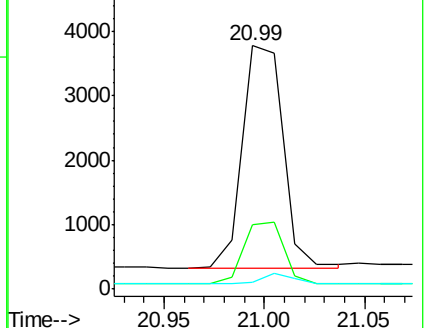
279 3.5 3.4 5.0

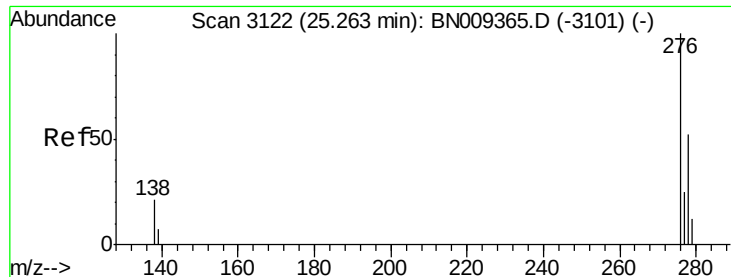


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

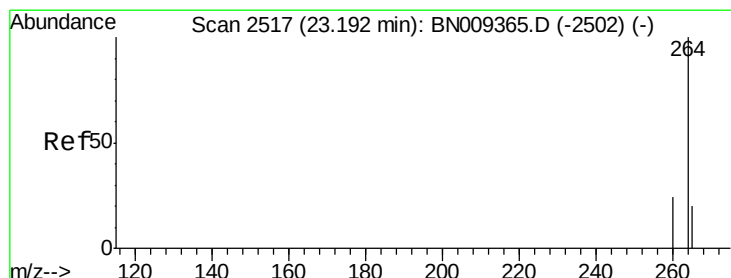
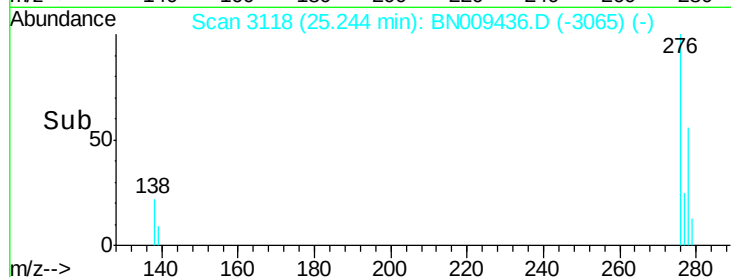
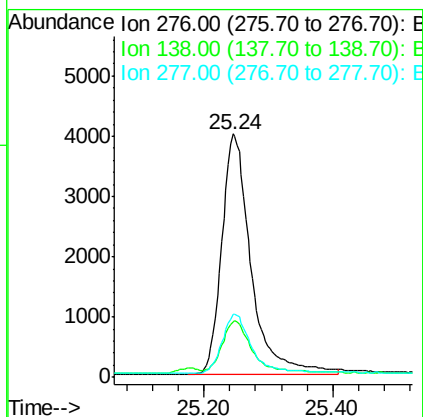
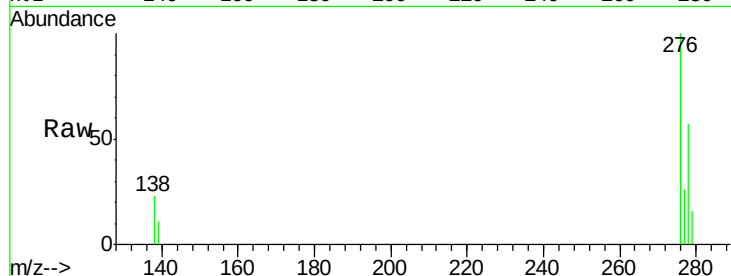




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.392 ng
 RT: 25.24 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BN009436.D
 Acq: 24 Jan 2020 10:40

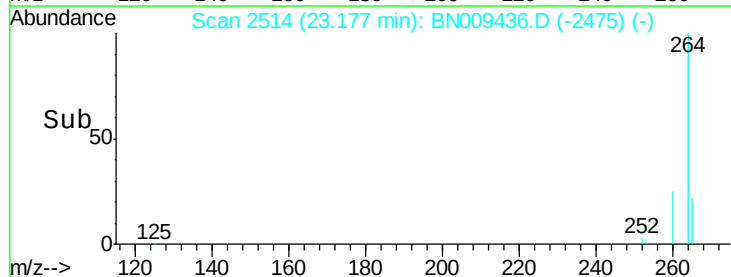
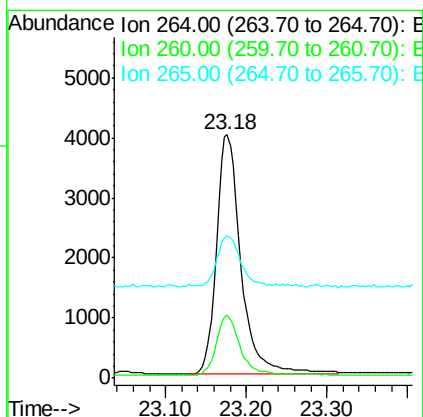
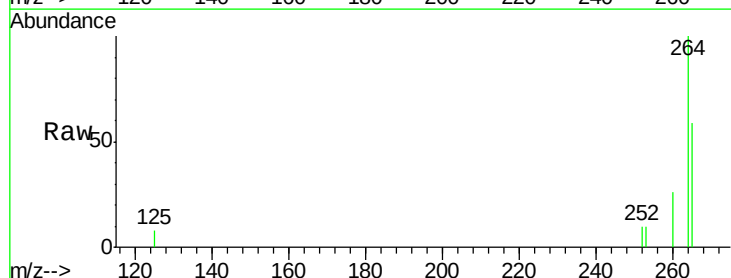
Instrument :
 BNA_N
 ClientSampleId :
 PB126283BS

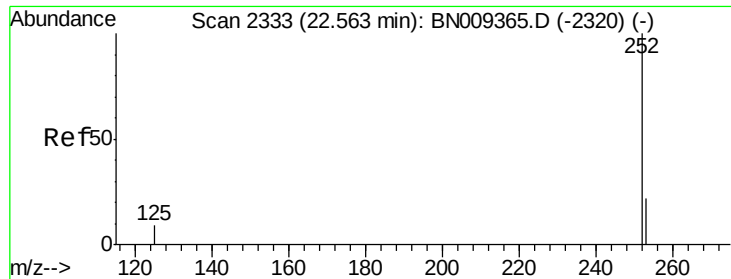
Tot Ion:276 Resp: 12701
 Ion Ratio Lower Upper
 276 100
 138 20.9 15.9 23.9
 277 24.5 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.18 min Scan# 2514
 Delta R.T. -0.02 min
 Lab File: BN009436.D
 Acq: 24 Jan 2020 10:40

Tgt Ion:264 Resp: 8385
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.1 30.1
 265 58.6 68.2 102.4#

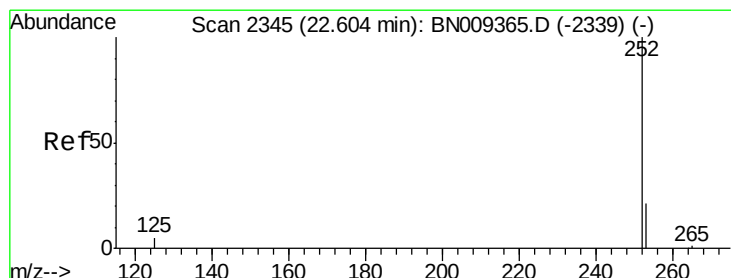
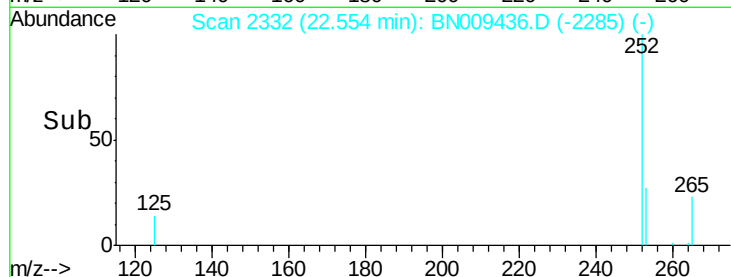
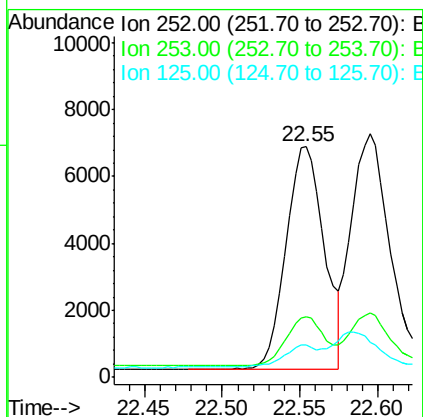
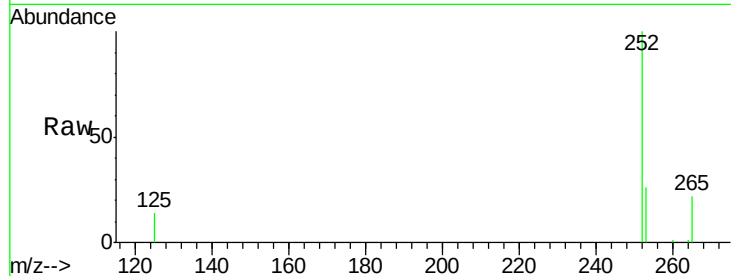




#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

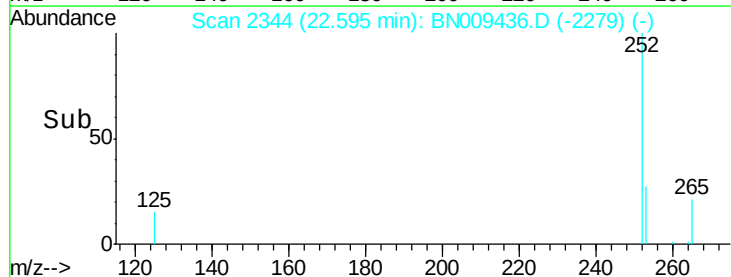
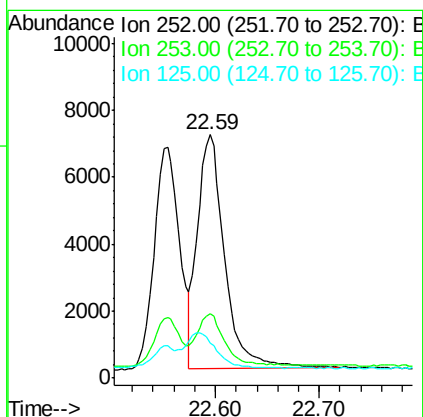
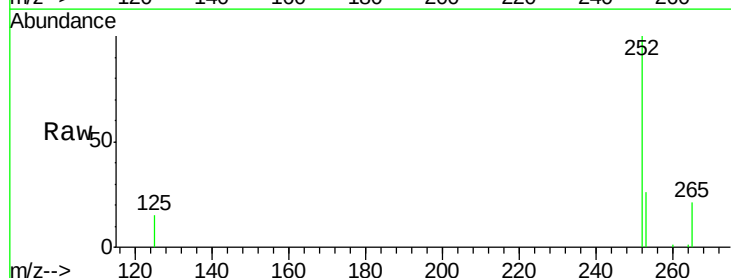
Instrument :
BNA_N
ClientSampleId :
PB126283BS

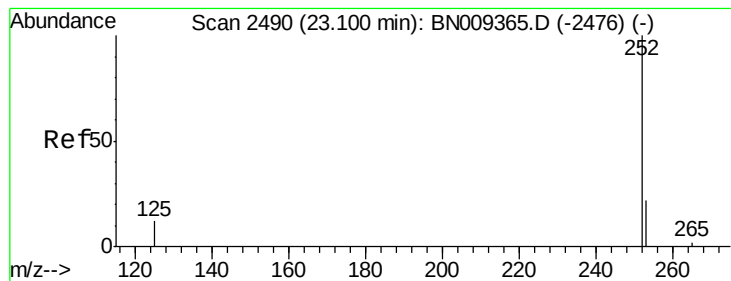
Tot Ion:252 Resp: 11388
Ion Ratio Lower Upper
252 100
253 26.1 22.4 33.6
125 13.8 11.6 17.4



#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.59 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:252 Resp: 12649
Ion Ratio Lower Upper
252 100
253 26.4 21.9 32.9
125 14.5 12.0 18.0





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.09 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

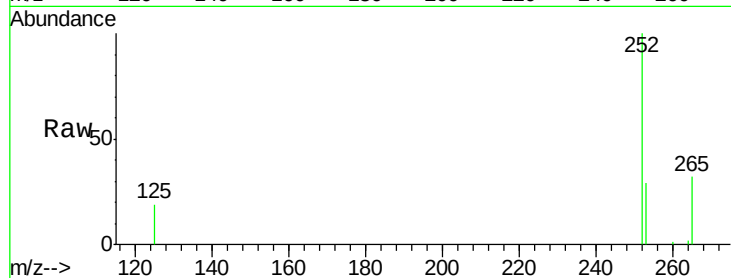
Tot Ion:252 Resp: 10284

Ion Ratio Lower Upper

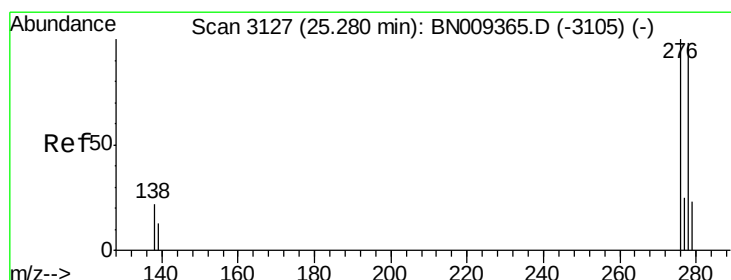
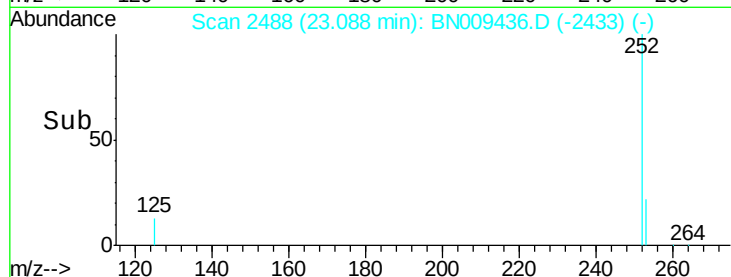
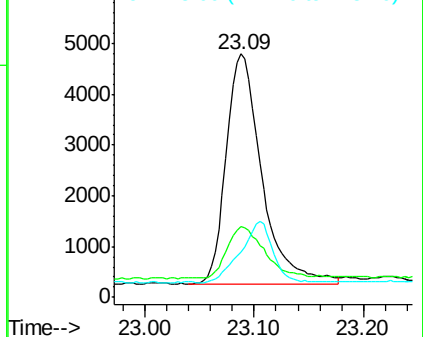
252 100

253 29.0 25.4 38.0

125 18.7 16.2 24.2



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: 0.372 ng

RT: 25.25 min Scan# 3121

Delta R.T. -0.03 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

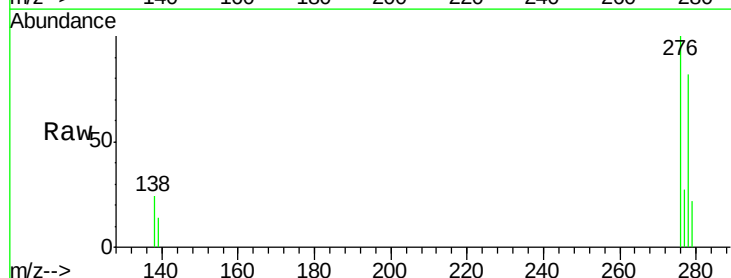
Tgt Ion:278 Resp: 10156

Ion Ratio Lower Upper

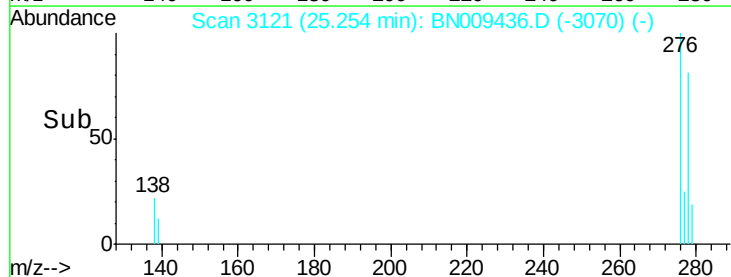
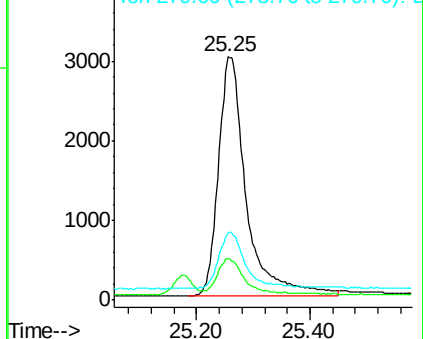
278 100

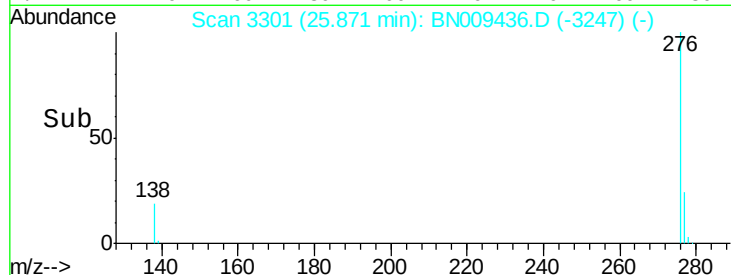
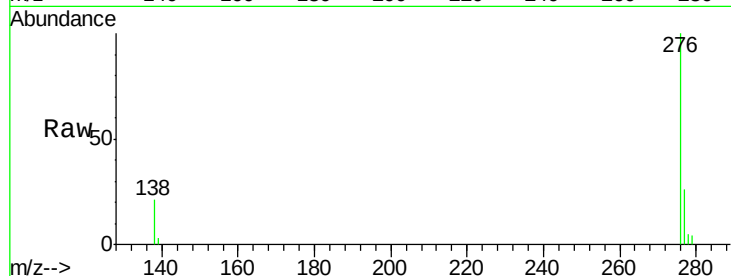
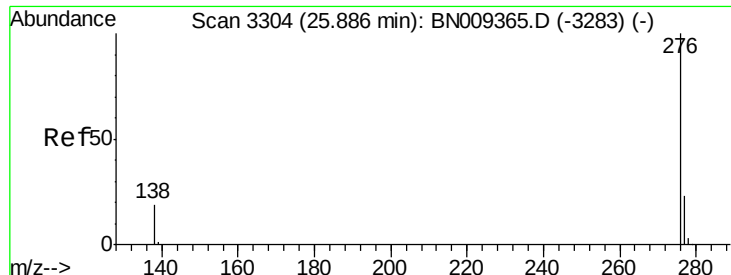
139 16.8 14.5 21.7

279 27.5 24.2 36.4



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: 0.357 ng

RT: 25.87 min Scan# 3301

Delta R.T. -0.02 min

Lab File: BN009436.D

Acq: 24 Jan 2020 10:40

Instrument :

BNA_N

ClientSampleId :

PB126283BS

Tot Ion:276 Resp: 10725

Ion Ratio Lower Upper

276 100

277 25.8 20.6 30.8

138 20.8 17.1 25.7

