

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009806.D
 Acq On : 21 Feb 2020 13:57
 Operator : CG/JU
 Sample : PB126934BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126934BS

Quant Time: Feb 21 16:37:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1117	0.40	ng	-0.02
7) Naphthalene-d8	10.16	136	3832	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	2498	0.40	ng	-0.02
19) Phenanthrene-d10	16.80	188	5586	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	4991	0.40	ng	-0.02
34) Perylene-d12	23.12	264	5433	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1002	0.40	ng	-0.02
5) Phenol-d6	6.64	99	1072	0.35	ng	0.00
8) Nitrobenzene-d5	8.58	82	1080	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2897	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	362	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.67	172	3615	0.38	ng	-0.02
25) Fluoranthene-d10	18.84	212	7134	0.37	ng	-0.02
29) Terphenyl-d14	19.46	244	4501	0.38	ng	-0.01

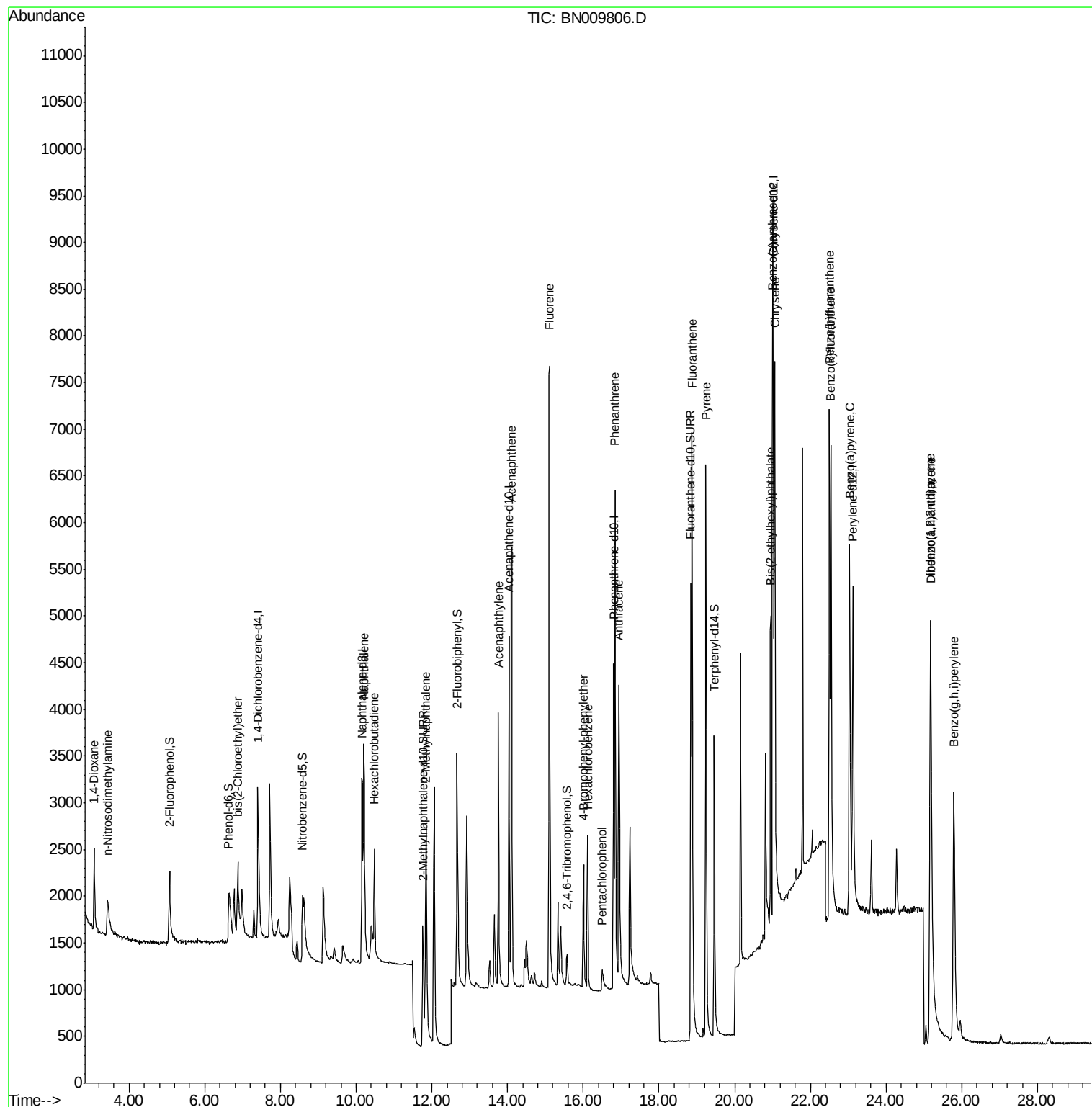
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	471	0.412	ng	95
3) n-Nitrosodimethylamine	3.43	42	670	0.357	ng	# 90
6) bis(2-Chloroethyl)ether	6.87	93	1182	0.402	ng	89
9) Naphthalene	10.20	128	4061	0.389	ng	100
10) Hexachlorobutadiene	10.48	225	910	0.396	ng	# 95
12) 2-Methylnaphthalene	11.85	142	2796	0.390	ng	98
16) Acenaphthylene	13.75	152	4059	0.381	ng	100
17) Acenaphthene	14.11	154	2895	0.387	ng	99
18) Fluorene	15.10	166	3723	0.377	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	693	0.097	ng	# 85
21) Hexachlorobenzene	16.12	284	1390	0.400	ng	98
22) Pentachlorophenol	16.50	266	267	0.408	ng	92
23) Phenanthrene	16.84	178	6175	0.371	ng	99
24) Anthracene	16.94	178	5138	0.366	ng	99
26) Fluoranthene	18.88	202	7293	0.366	ng	99
28) Pyrene	19.24	202	7478	0.395	ng	99
30) Benzo(a)anthracene	21.01	228	5891	0.356	ng	100
31) Chrysene	21.06	228	7459	0.389	ng	98
32) Bis(2-ethylhexyl)phthalate	20.94	149	3439	0.426	ng	100
33) Indeno(1,2,3-cd)pyrene	25.17	276	7718	0.387	ng	98
35) Benzo(b)fluoranthene	22.50	252	6582	0.331	ng	99
36) Benzo(k)fluoranthene	22.55	252	8039	0.372	ng	99
37) Benzo(a)pyrene	23.03	252	6811	0.376	ng	# 87
38) Dibenzo(a,h)anthracene	25.18	278	5984	0.335	ng	99
39) Benzo(g,h,i)perylene	25.79	276	6633	0.349	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009806.D
Acq On : 21 Feb 2020 13:57
Operator : CG/JU
Sample : PB126934BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB126934BS

Quant Time: Feb 21 16:37:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



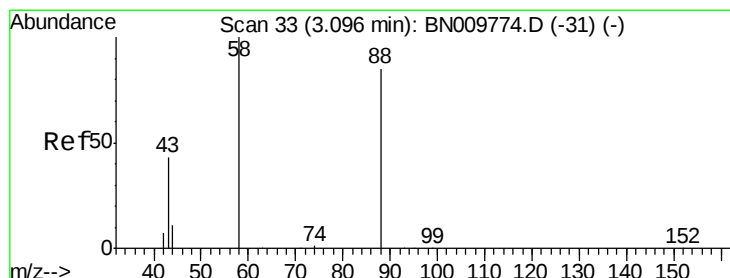
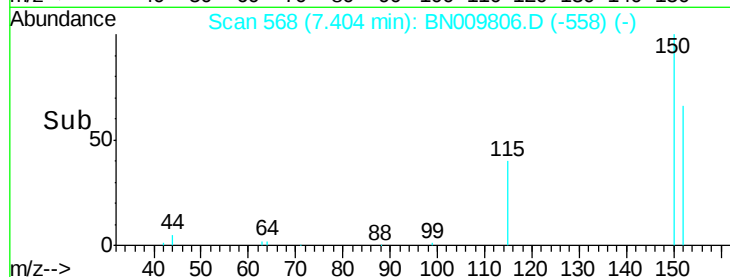
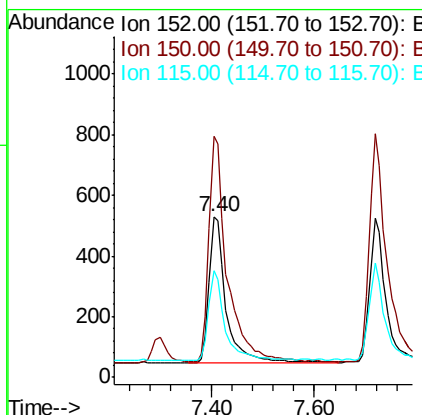
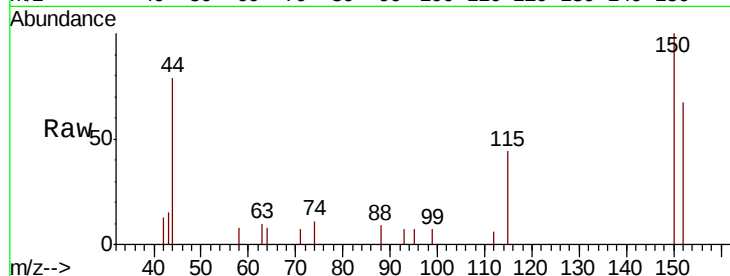


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN009806.D
Acq: 21 Feb 2020 13:57

Instrument :
BNA_N
ClientSampleId :
PB126934BS

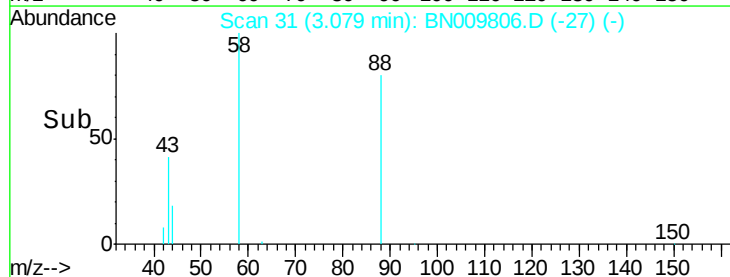
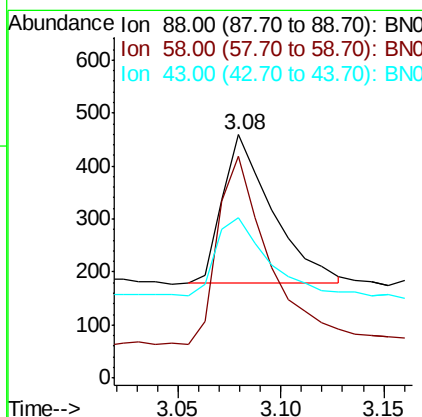
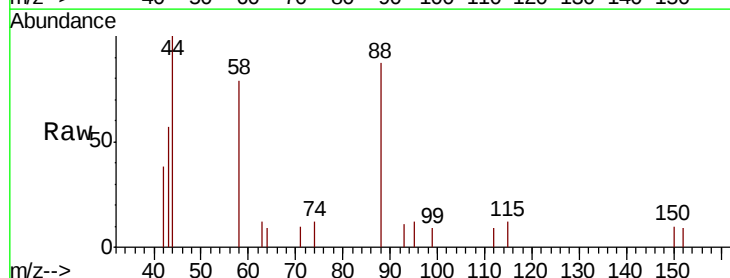
Tot Ion:152 Resp: 1117
Ion Ratio Lower Upper
152 100
150 150.0 120.6 181.0
115 66.6 51.2 76.8

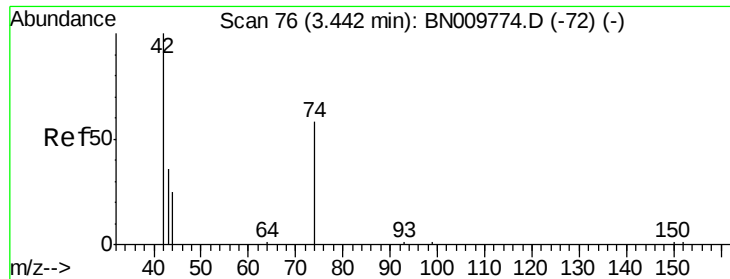


#2

1,4-Dioxane
Concen: 0.412 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009806.D
Acq: 21 Feb 2020 13:57

Tgt Ion: 88 Resp: 471
Ion Ratio Lower Upper
88 100
58 129.7 97.8 146.8
43 54.1 45.1 67.7





#3

n-Nitrosodimethylamine

Concen: 0.357 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

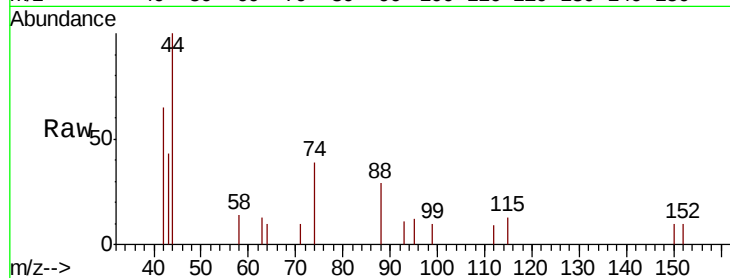
Tot Ion: 42 Resp: 670

Ion Ratio Lower Upper

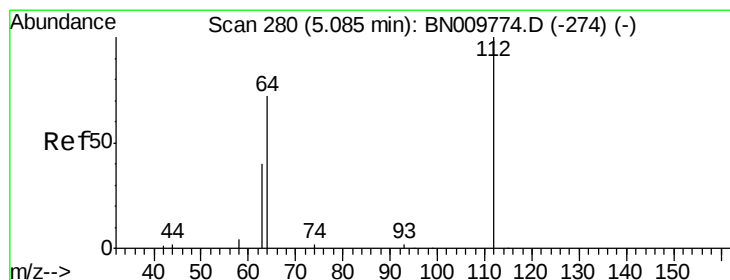
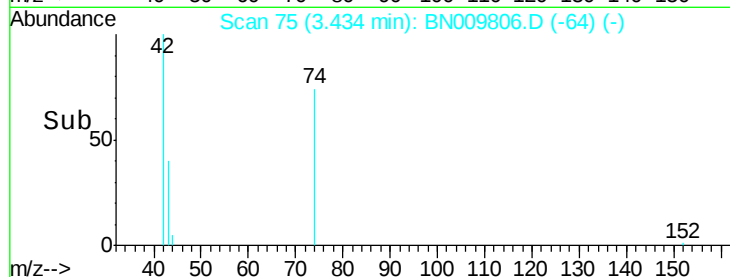
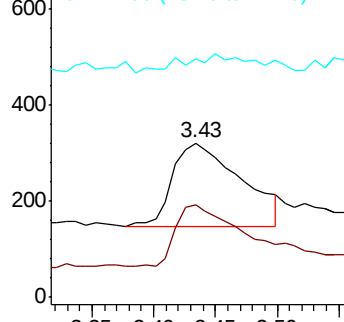
42 100

74 70.7 51.2 76.8

44 12.7 2.6 4.0#



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: 0.403 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

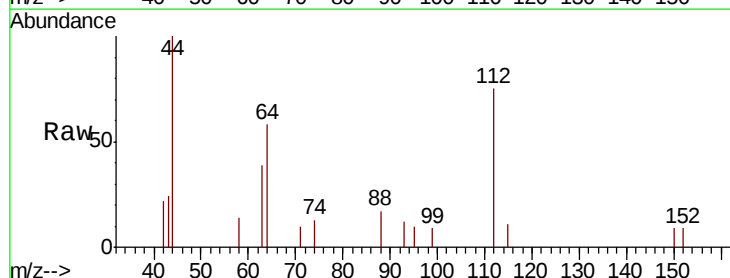
Tgt Ion: 112 Resp: 1002

Ion Ratio Lower Upper

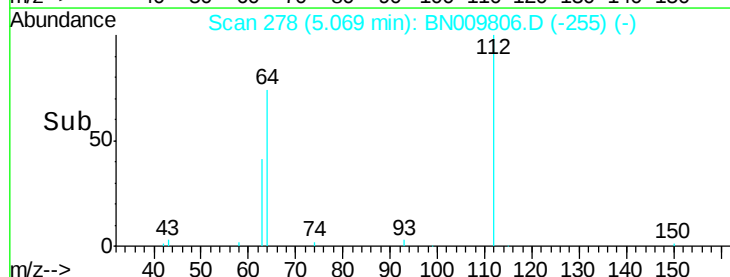
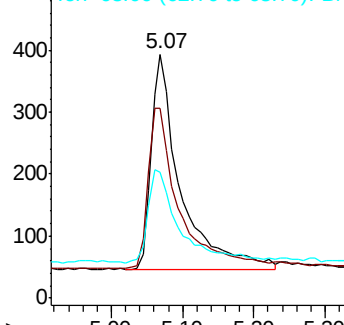
112 100

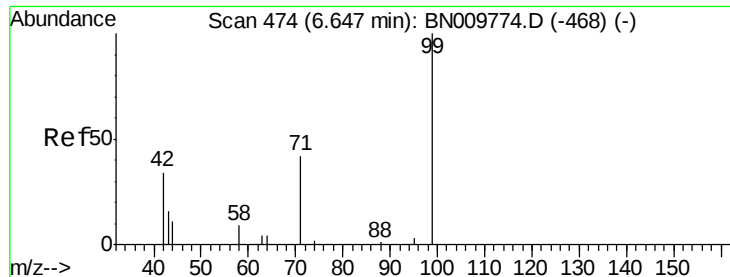
64 79.5 65.8 98.6

63 46.7 38.7 58.1



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: 0.355 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

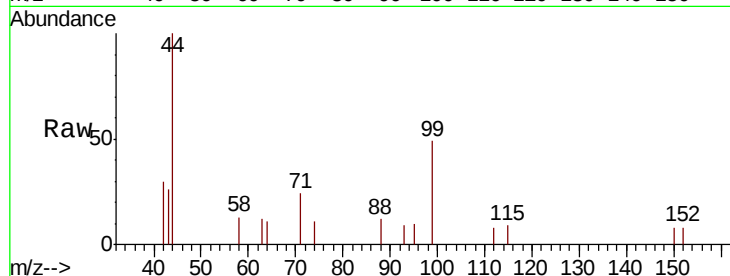
Tot Ion: 99 Resp: 1072

Ion Ratio Lower Upper

99 100

42 36.2 30.8 46.2

71 41.6 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

6.64

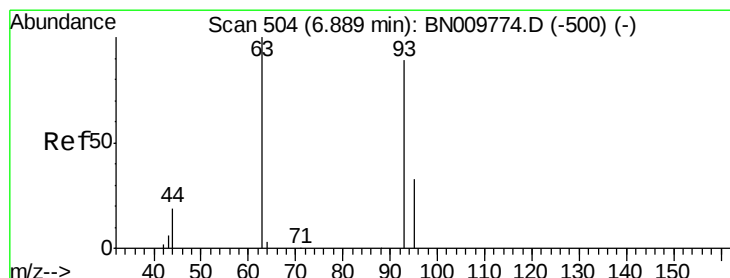
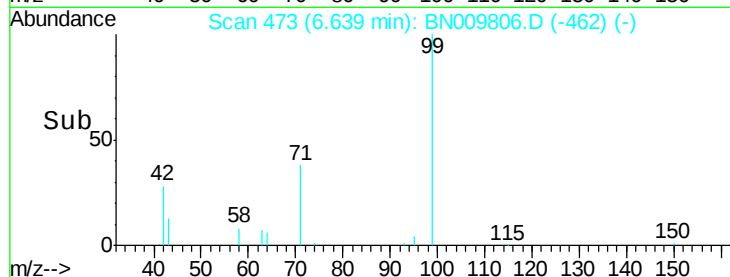
300

200

100

0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 6.87 min Scan# 502

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

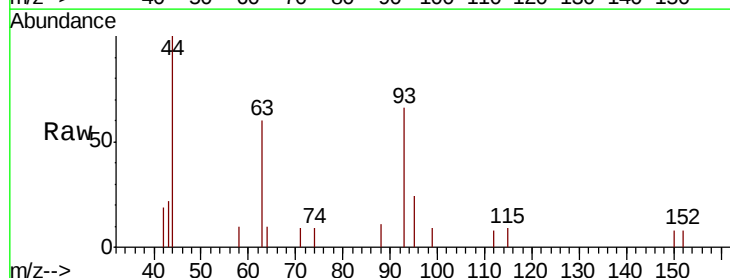
Tgt Ion: 93 Resp: 1182

Ion Ratio Lower Upper

93 100

63 80.2 74.0 111.0

95 30.8 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

6.87

500

400

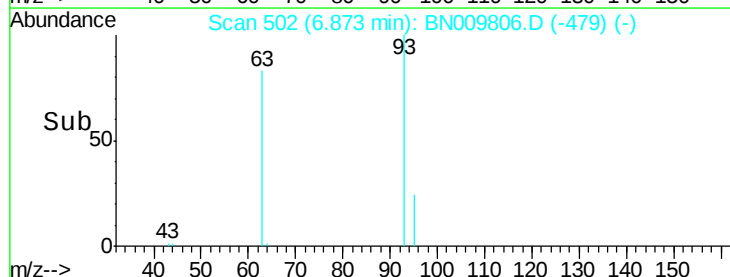
300

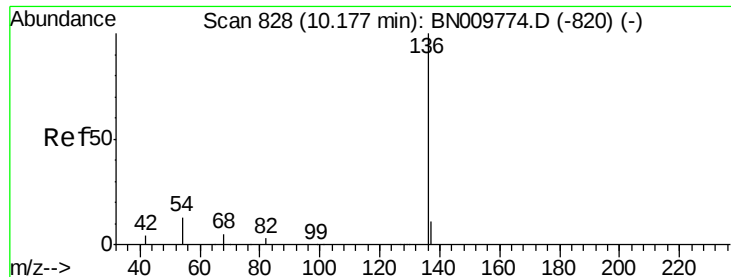
200

100

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

Tot Ion:136 Resp: 3832

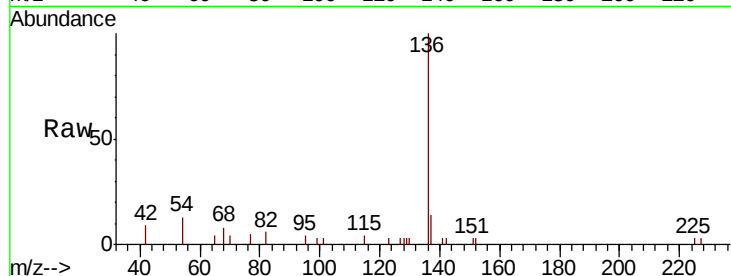
Ion Ratio Lower Upper

136 100

137 13.9 11.3 16.9

54 13.4 13.4 20.2#

68 8.4 7.0 10.4

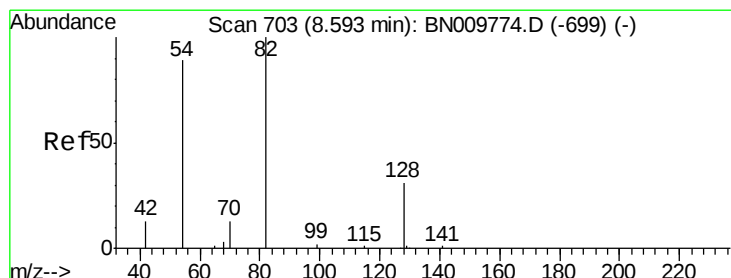
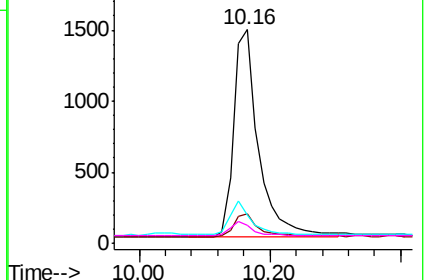
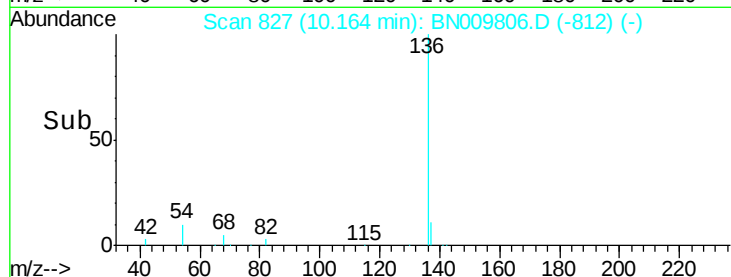


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

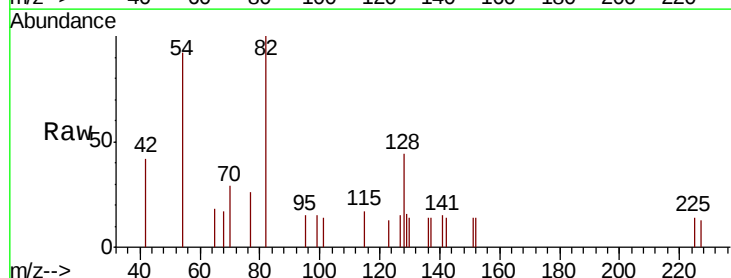
Tgt Ion: 82 Resp: 1080

Ion Ratio Lower Upper

82 100

128 44.3 32.5 48.7

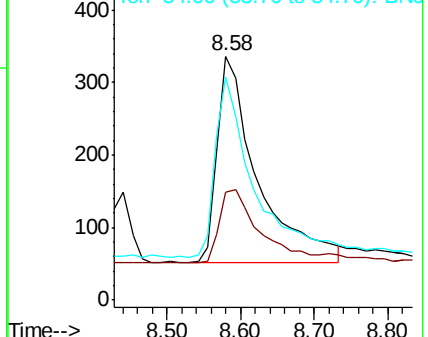
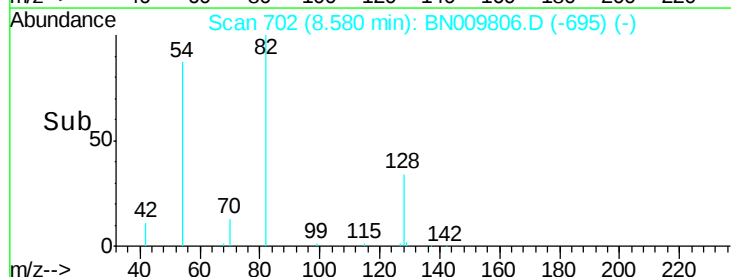
54 91.7 73.5 110.3



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: 0.389 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

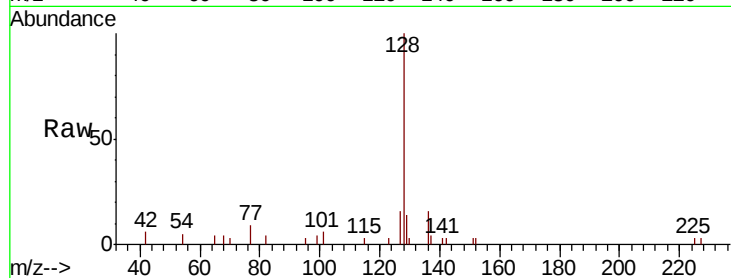
Tot Ion:128 Resp: 4061

Ion Ratio Lower Upper

128 100

129 13.6 11.1 16.7

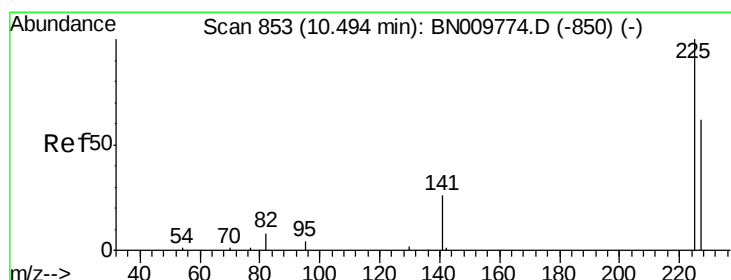
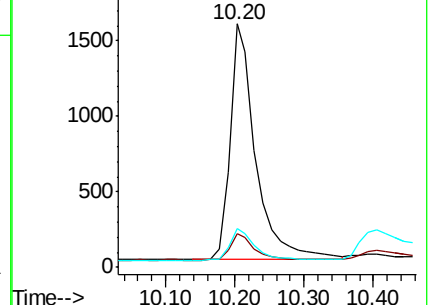
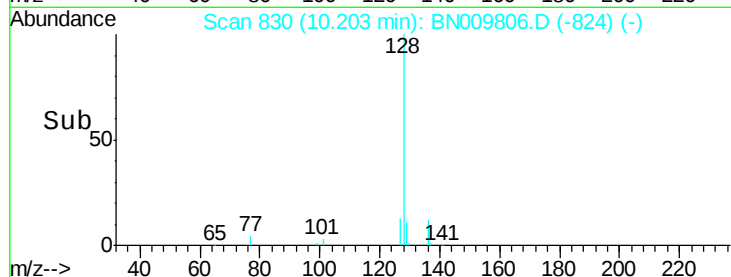
127 15.7 12.6 19.0



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: 0.396 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

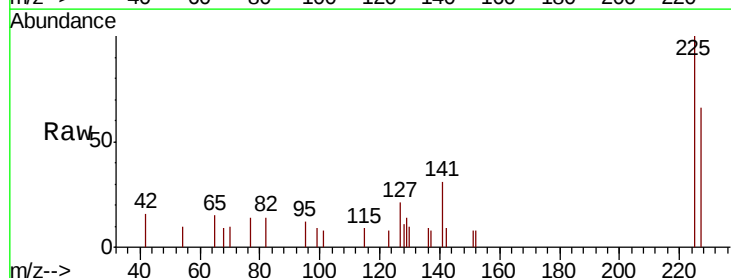
Tgt Ion:225 Resp: 910

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

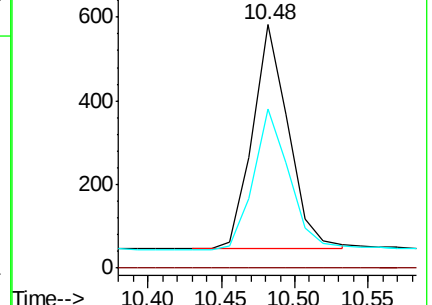
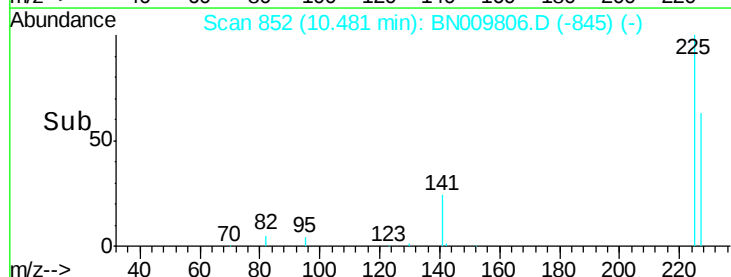
227 62.6 53.4 80.2

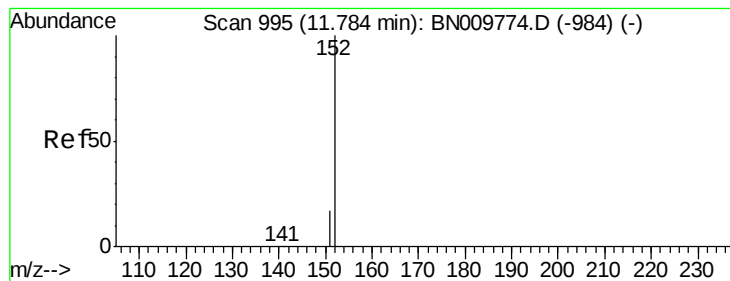


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

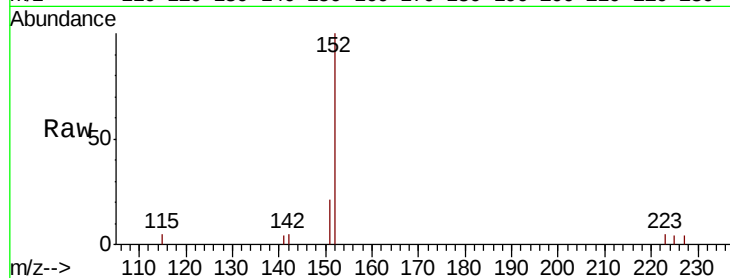
PB126934BS

Tot Ion:152 Resp: 2897

Ion Ratio Lower Upper

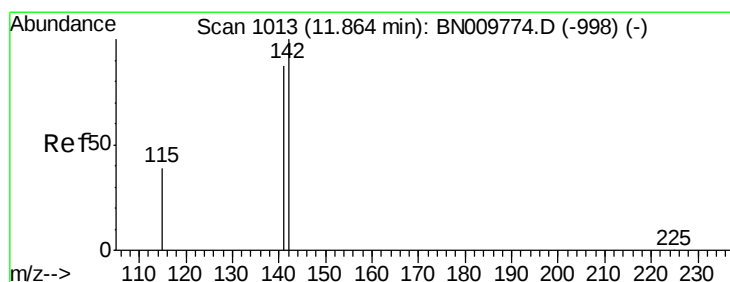
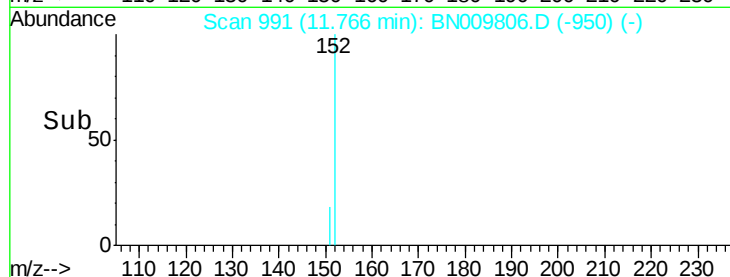
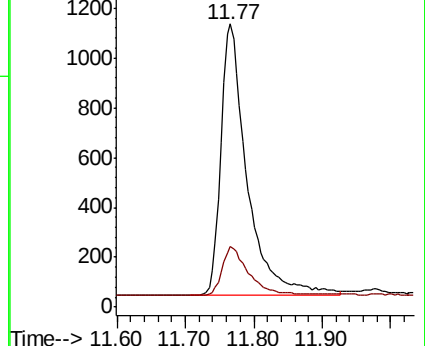
152 100

151 18.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 11.85 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

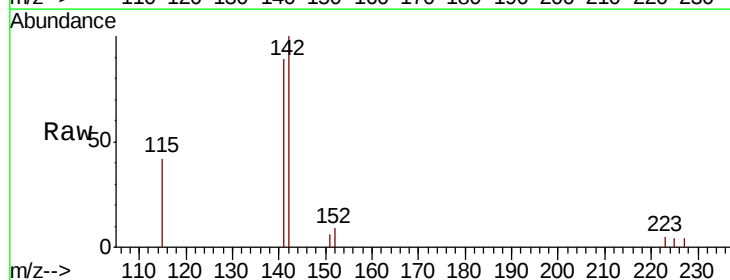
Tgt Ion:142 Resp: 2796

Ion Ratio Lower Upper

142 100

141 89.4 69.8 104.6

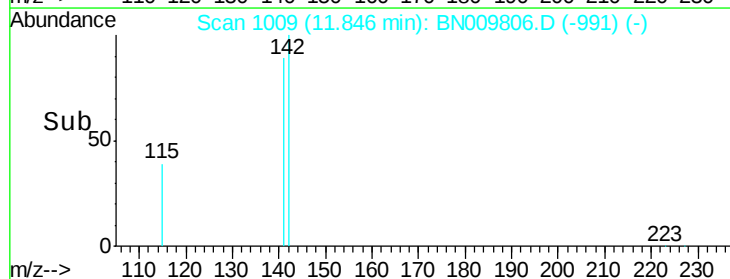
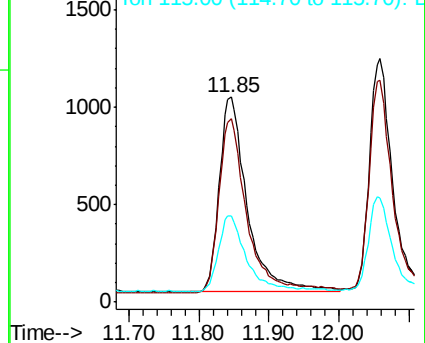
115 42.2 34.6 52.0

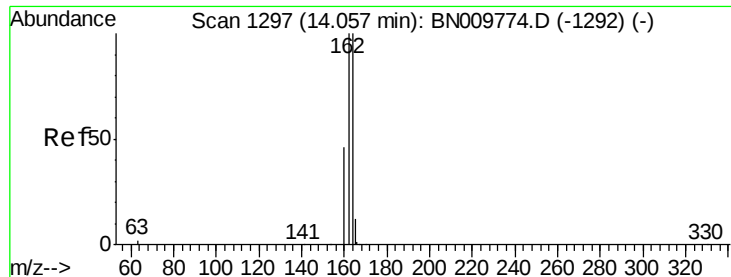


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

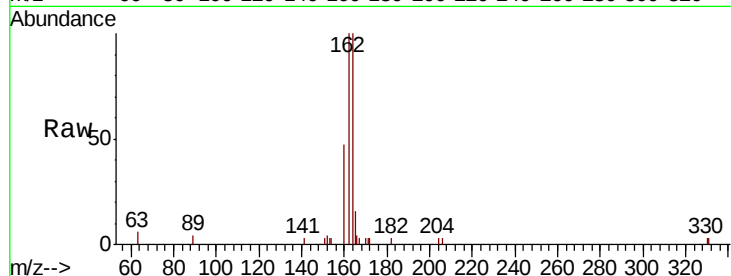
Tot Ion:164 Resp: 2498

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

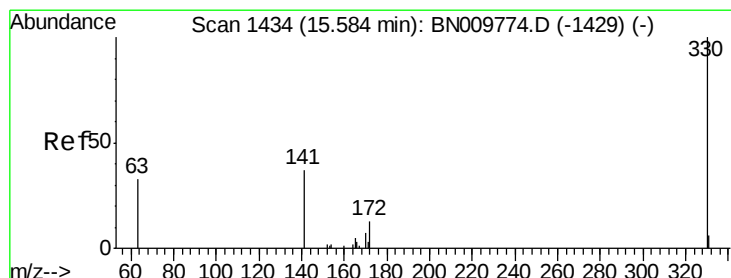
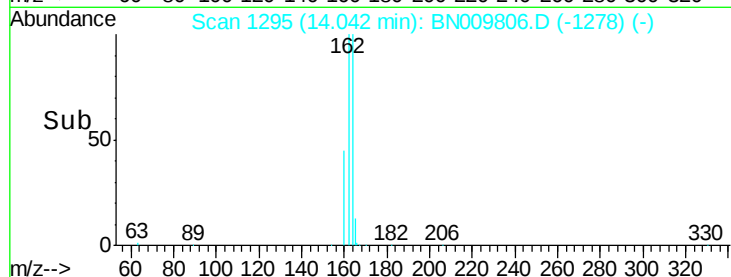
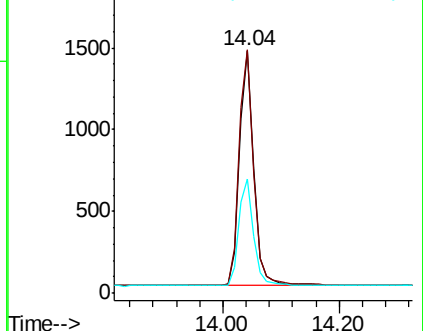
160 46.8 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E

2000 Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.376 ng

RT: 15.57 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

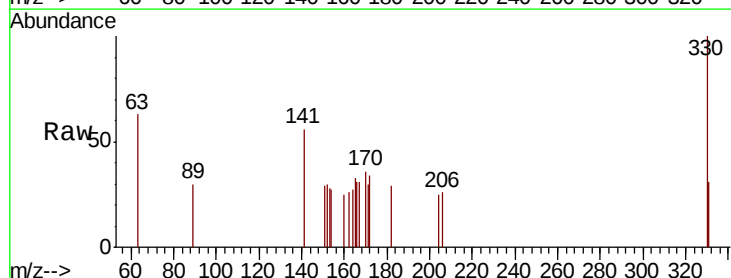
Tgt Ion:330 Resp: 362

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

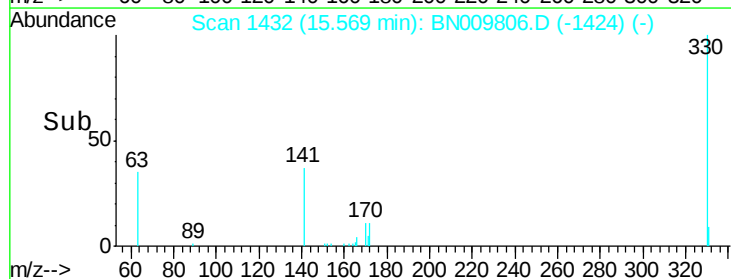
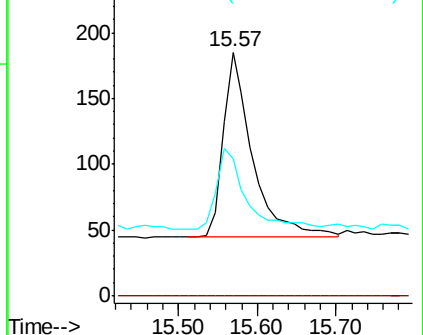
141 42.3 36.8 55.2

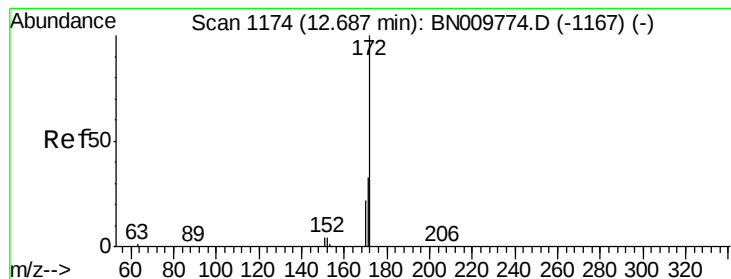


Abundance Ion 330.00 (329.70 to 330.70): E

250 Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.383 ng

RT: 12.67 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

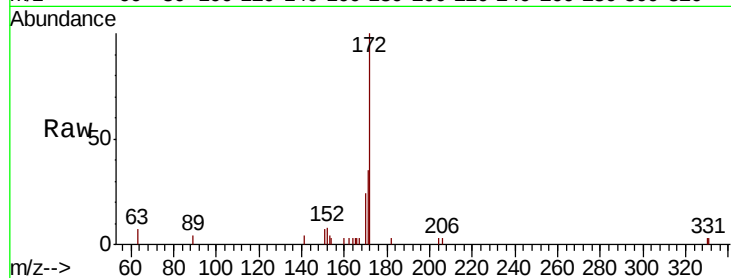
Tot Ion:172 Resp: 3615

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

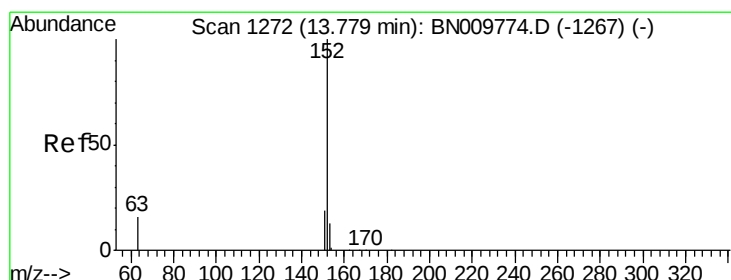
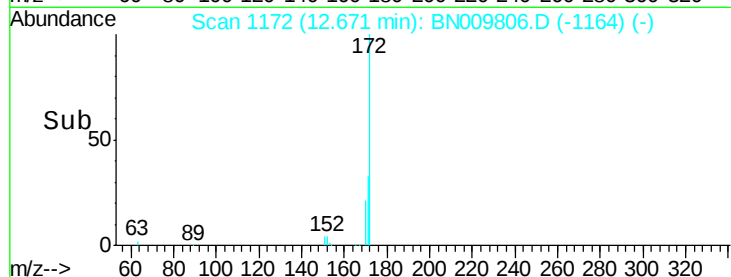
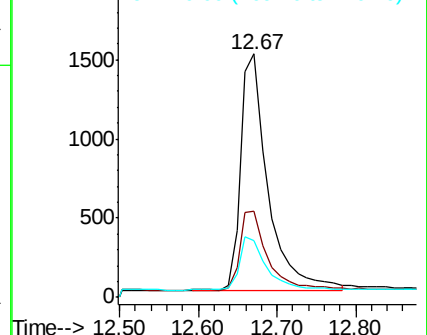
170 23.6 20.1 30.1



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: 0.381 ng

RT: 13.75 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

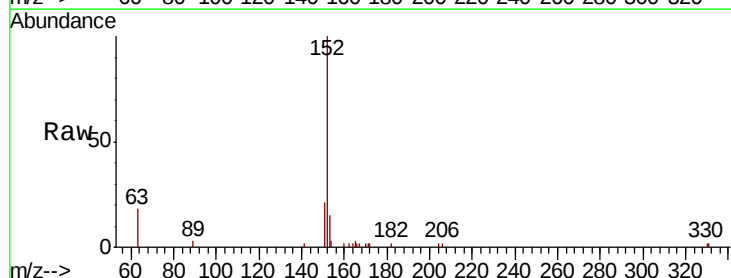
Tgt Ion:152 Resp: 4059

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

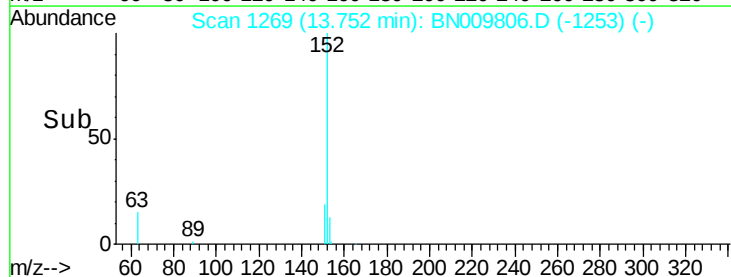
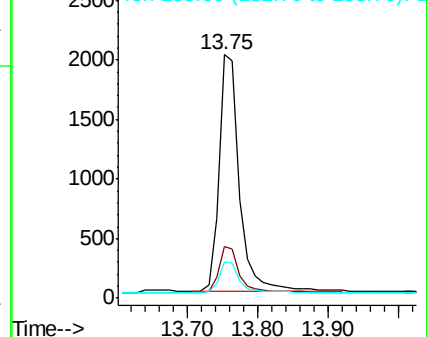
153 13.0 10.2 15.4



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: 0.387 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

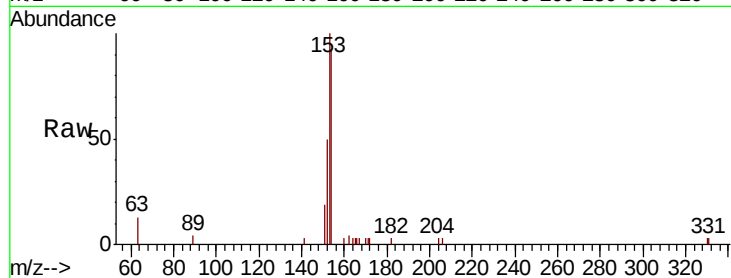
Tot Ion:154 Resp: 2895

Ion Ratio Lower Upper

154 100

153 111.9 88.9 133.3

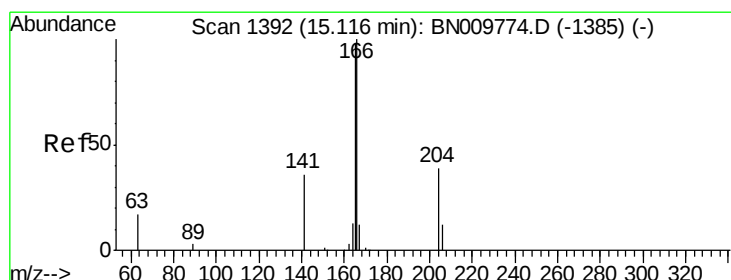
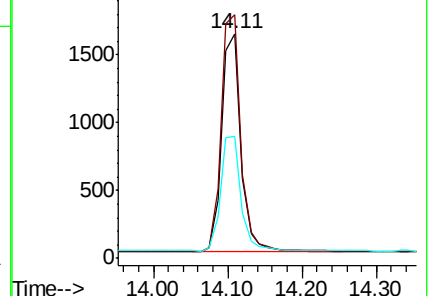
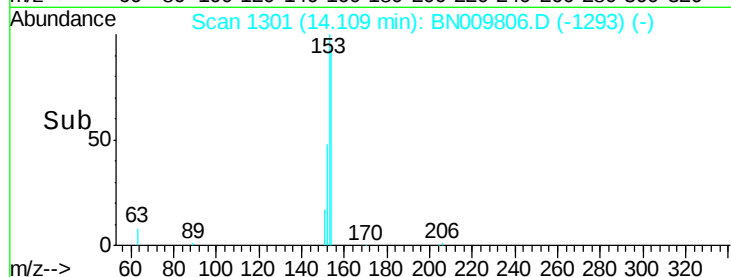
152 55.1 44.2 66.2



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: 15.10 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

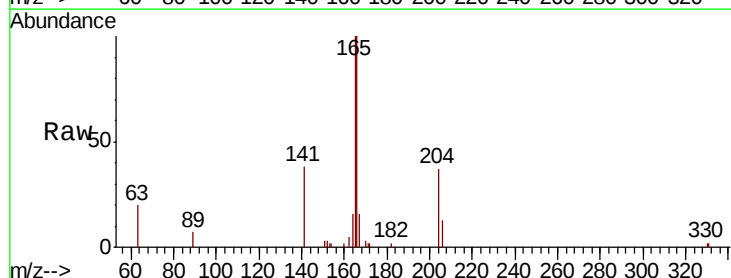
Tgt Ion:166 Resp: 3723

Ion Ratio Lower Upper

166 100

165 98.5 77.2 115.8

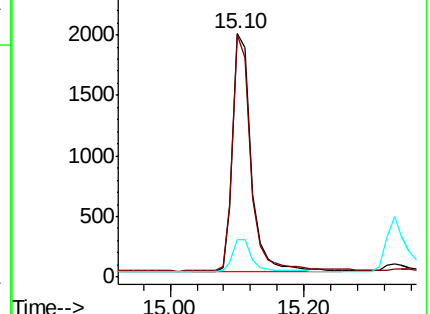
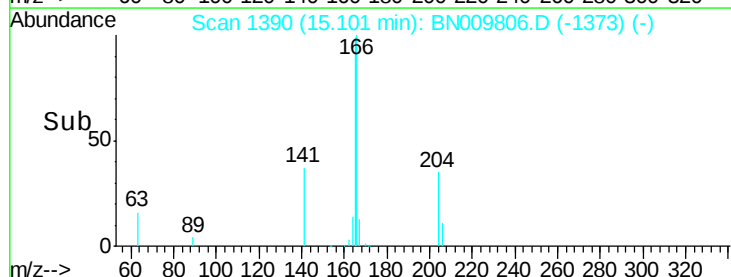
167 14.2 10.5 15.7



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: 16.80 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

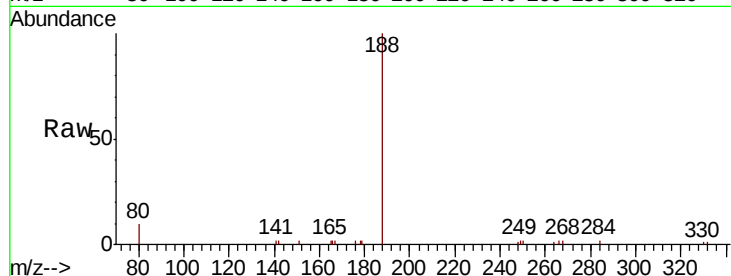
Tot Ion:188 Resp: 5586

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 8.3 12.5



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

16.80

4000

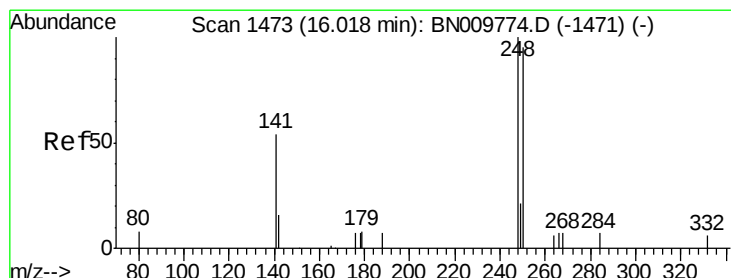
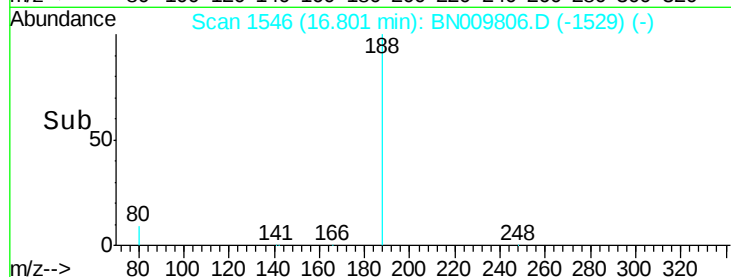
3000

2000

1000

0

Time--> 16.60 16.80 17.00



#20

4-Bromophenyl-phenylether

Concen: 0.097 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

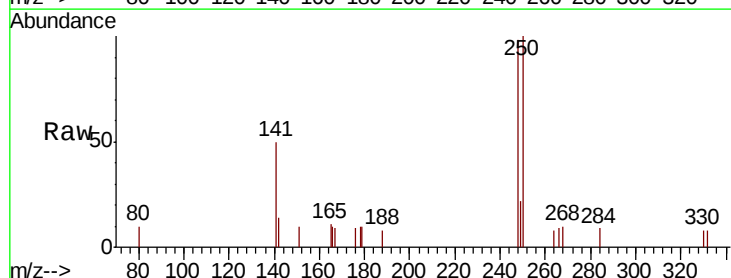
Tgt Ion:248 Resp: 693

Ion Ratio Lower Upper

248 100

250 102.4 76.2 114.4

141 50.9 57.8 86.6#



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

800

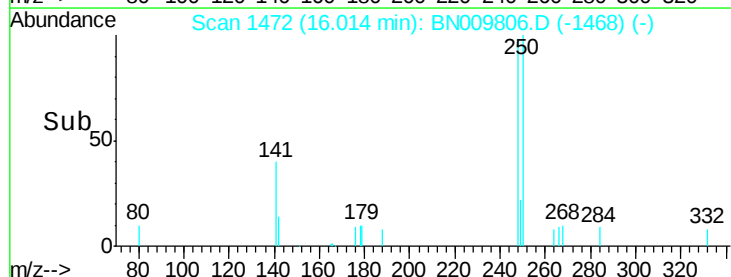
600

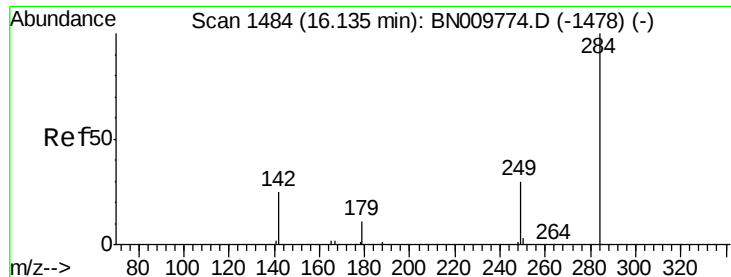
400

200

0

Time--> 16.00 16.01 16.05





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

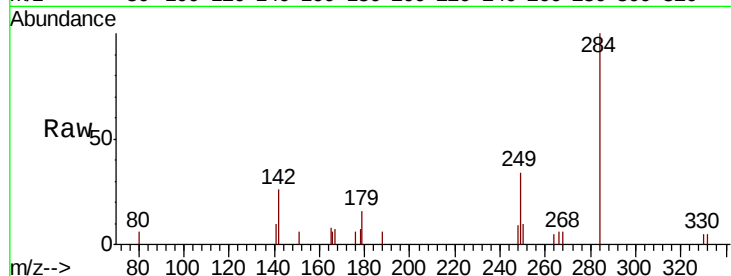
Tot Ion:284 Resp: 1390

Ion Ratio Lower Upper

284 100

142 39.4 33.3 49.9

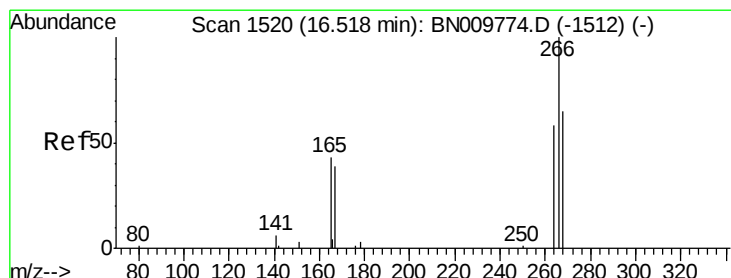
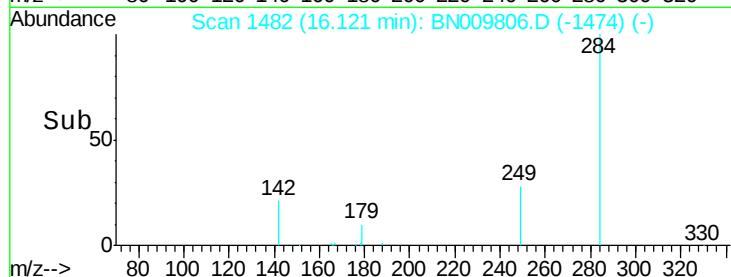
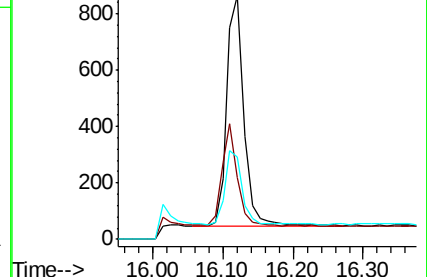
249 32.2 25.7 38.5



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: 0.408 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

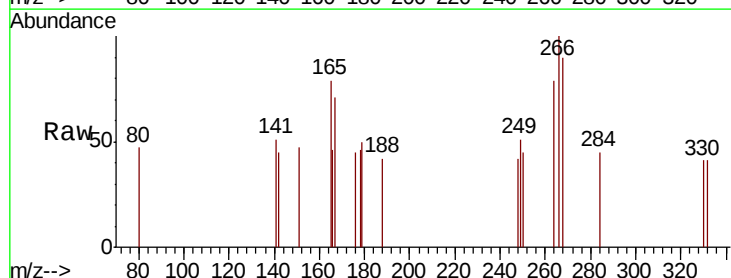
Tgt Ion:266 Resp: 267

Ion Ratio Lower Upper

266 100

264 79.1 58.1 87.1

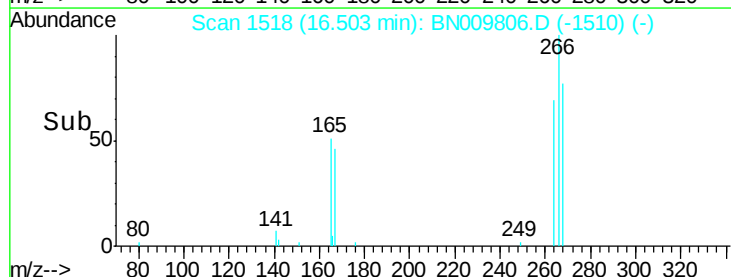
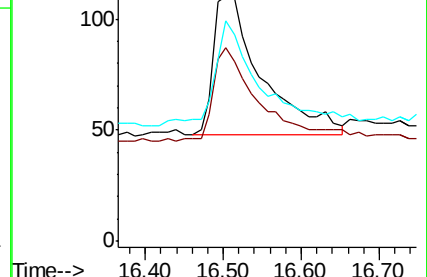
268 90.0 65.7 98.5

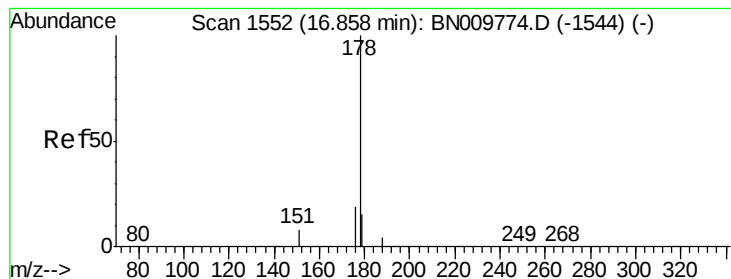


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

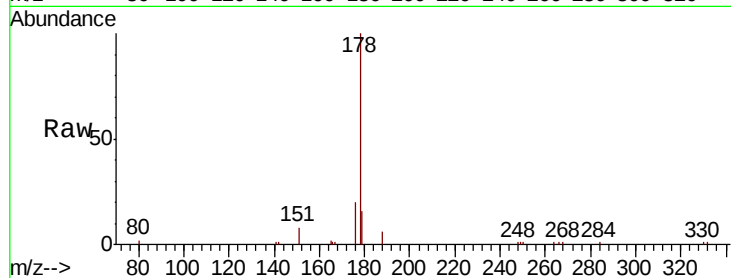
Tot Ion:178 Resp: 6175

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

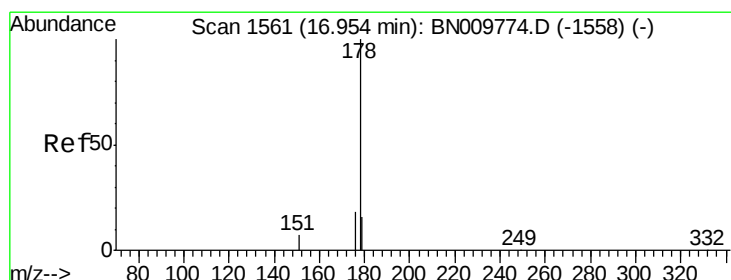
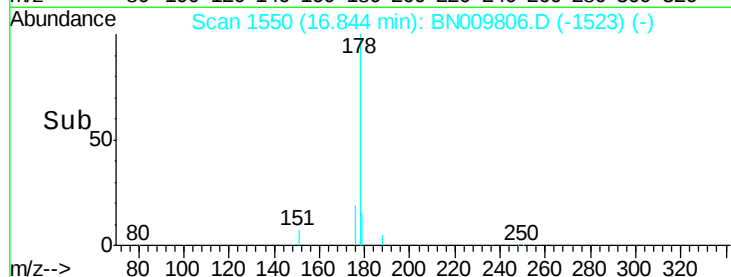
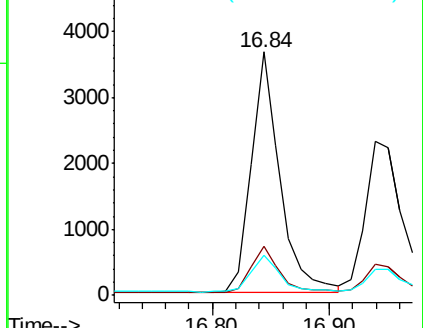
179 15.4 12.4 18.6



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: 0.366 ng

RT: 16.94 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

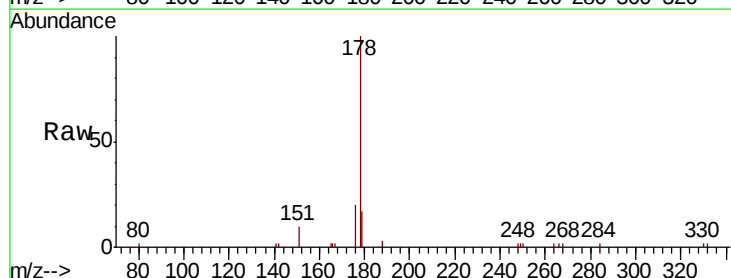
Tgt Ion:178 Resp: 5138

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

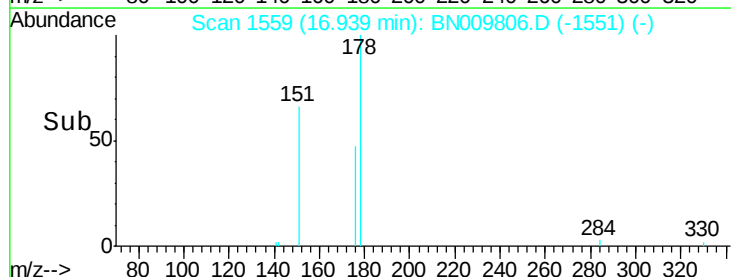
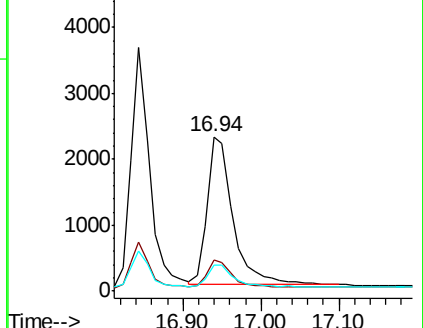
179 14.6 12.4 18.6

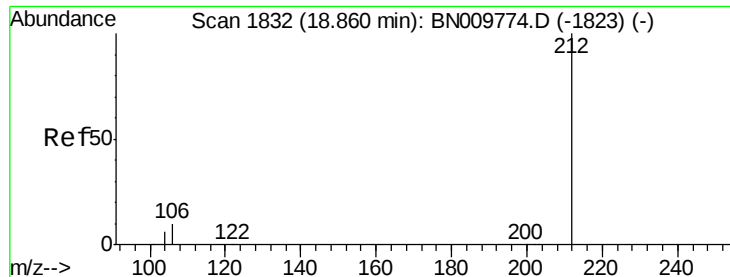


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

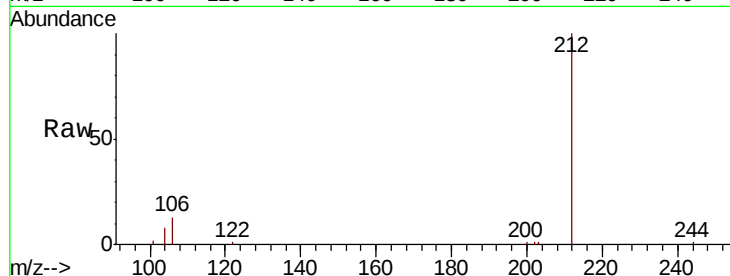
Tot Ion:212 Resp: 7134

Ion Ratio Lower Upper

212 100

106 11.4 8.4 12.6

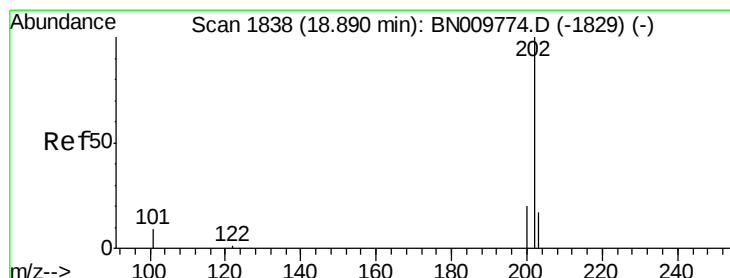
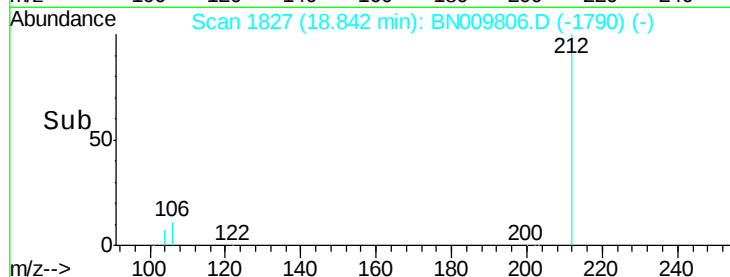
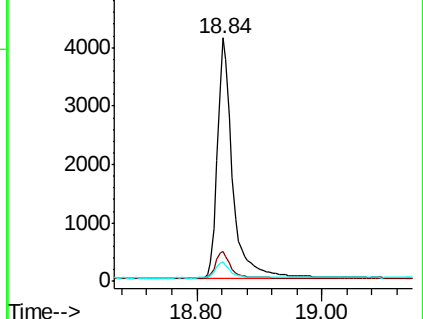
104 6.3 4.8 7.2



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: 0.366 ng

RT: 18.88 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

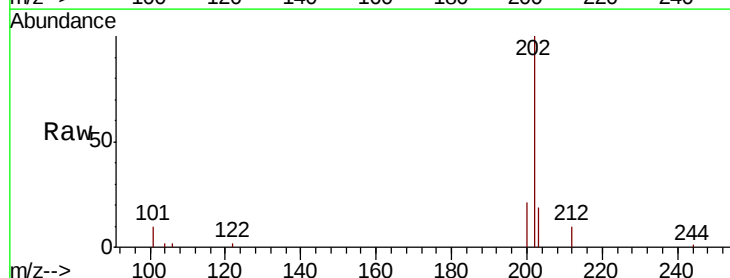
Tgt Ion:202 Resp: 7293

Ion Ratio Lower Upper

202 100

101 9.4 7.1 10.7

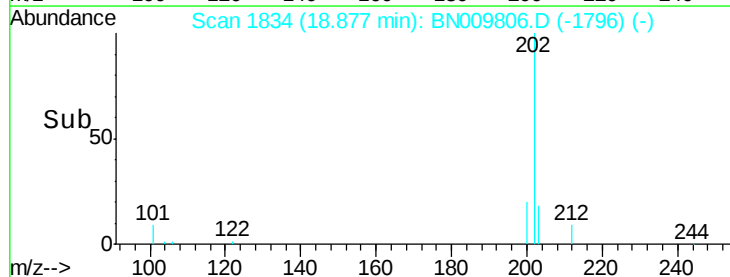
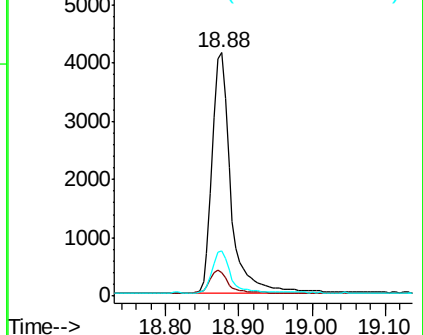
203 17.3 13.8 20.6



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: 21.02 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

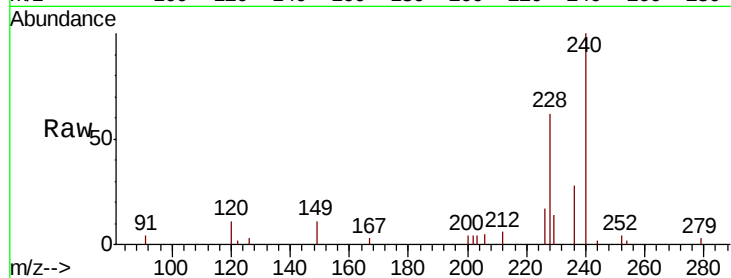
Tot Ion:240 Resp: 4991

Ion Ratio Lower Upper

240 100

120 11.1 7.9 11.9

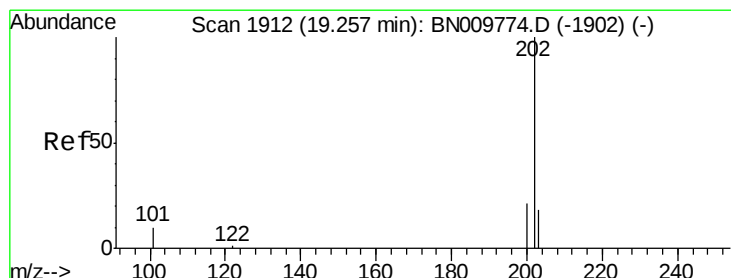
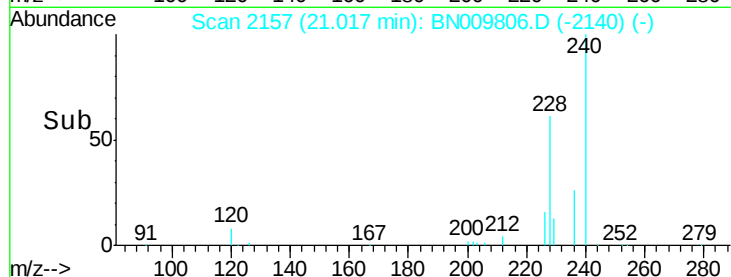
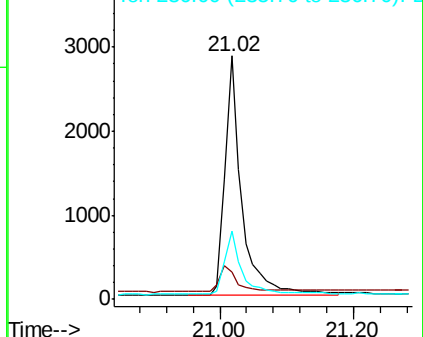
236 28.1 22.0 33.0



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: 0.395 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

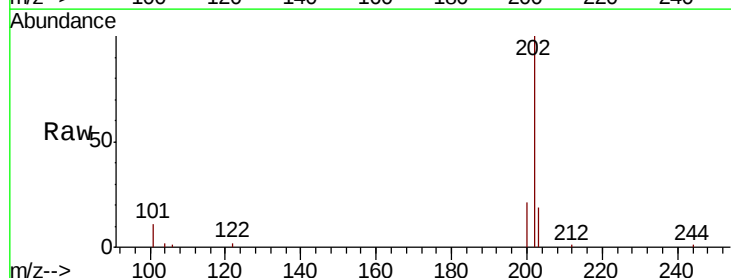
Tgt Ion:202 Resp: 7478

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

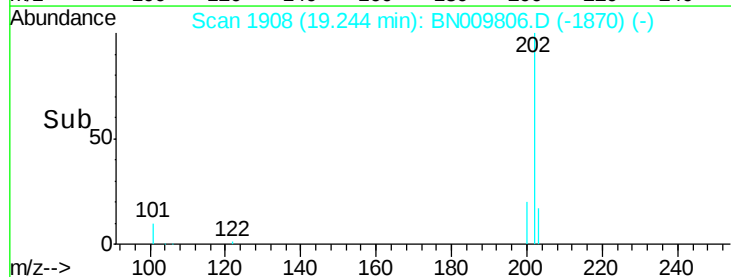
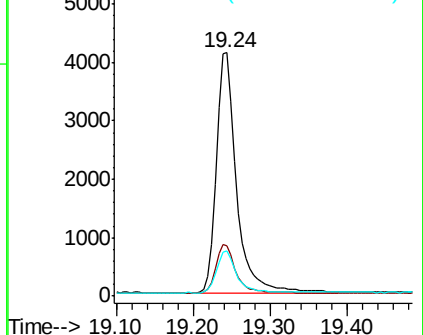
203 17.7 13.9 20.9

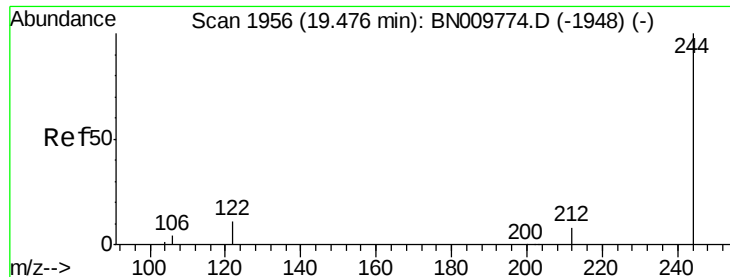


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.377 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

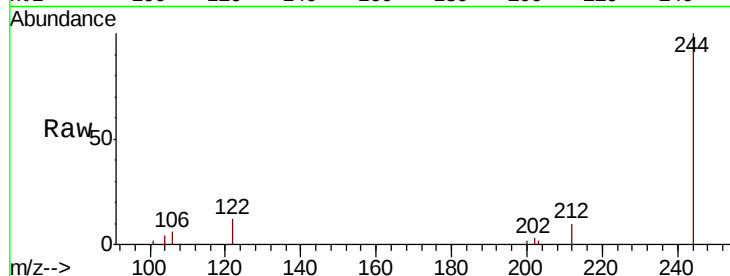
Tot Ion:244 Resp: 4501

Ion Ratio Lower Upper

244 100

212 9.8 8.0 12.0

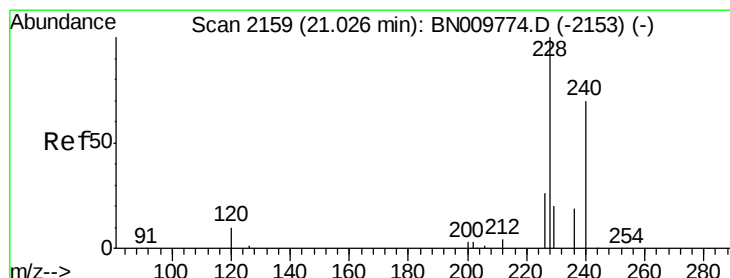
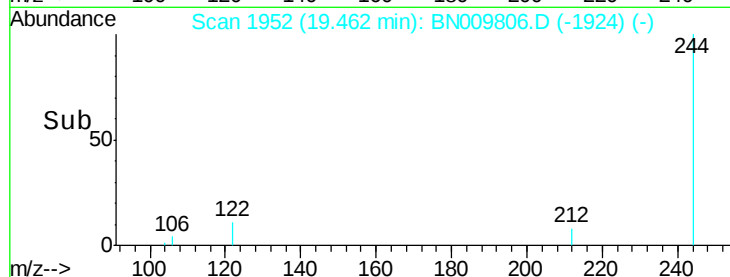
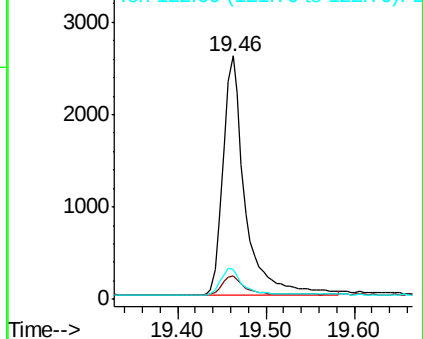
122 12.4 10.0 15.0



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: 0.356 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

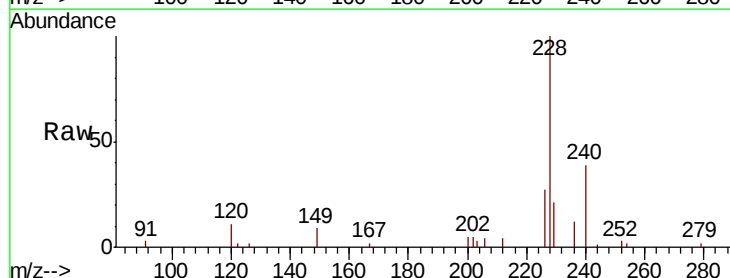
Tgt Ion:228 Resp: 5891

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

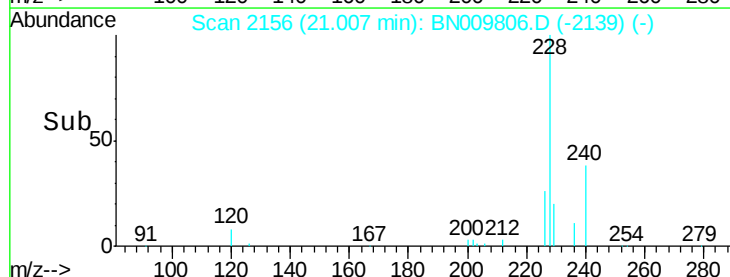
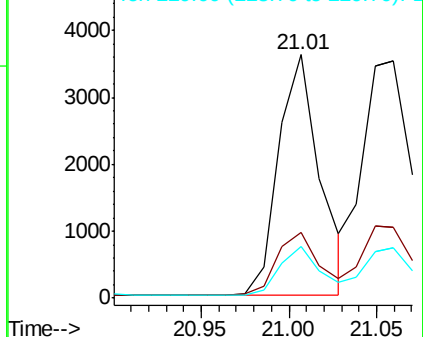
229 21.0 17.1 25.7

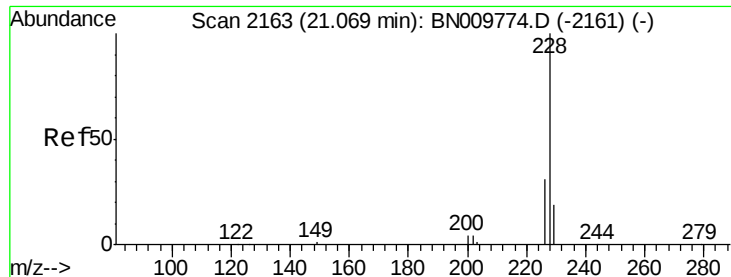


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

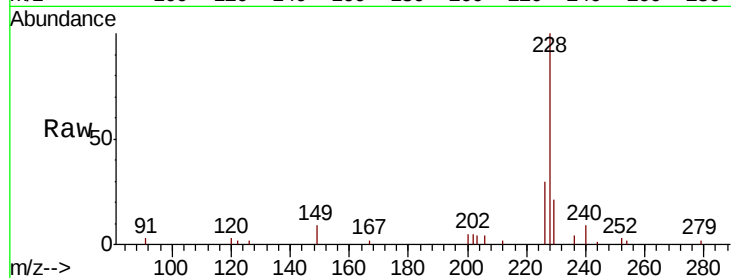
Tot Ion:228 Resp: 7459

Ion Ratio Lower Upper

228 100

226 29.6 24.8 37.2

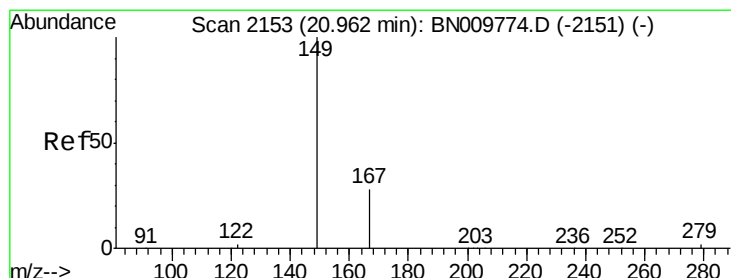
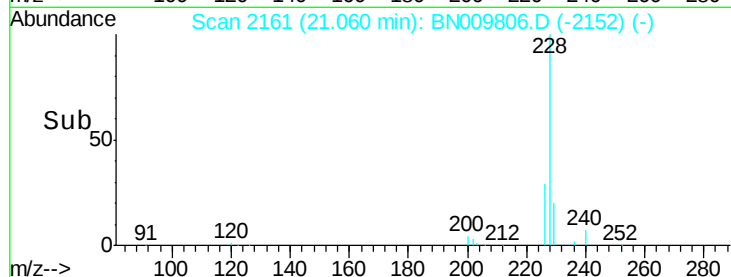
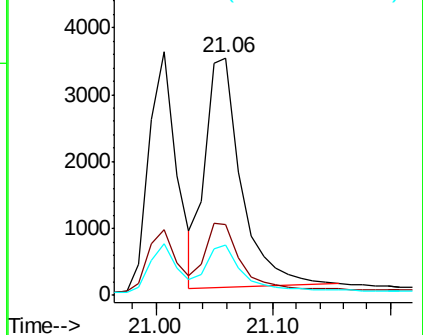
229 21.1 16.4 24.6



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: 0.426 ng

RT: 20.94 min Scan# 2150

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

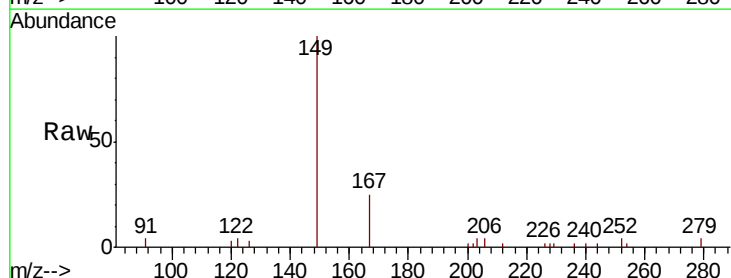
Tgt Ion:149 Resp: 3439

Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

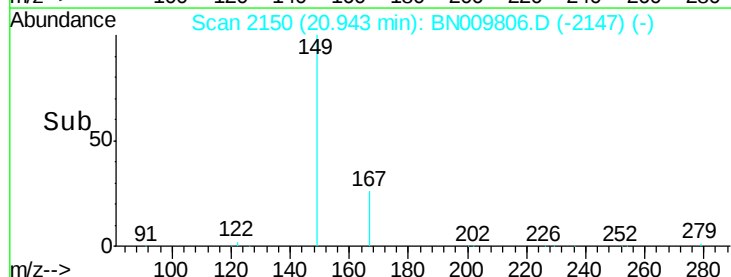
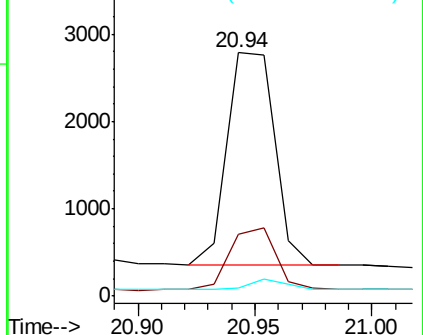
279 4.2 3.1 4.7

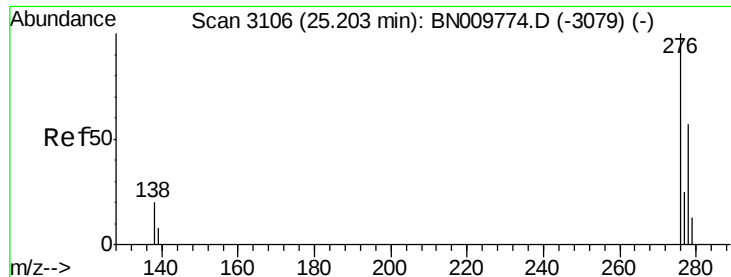


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 25.17 min Scan# 3094

Delta R.T. -0.04 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

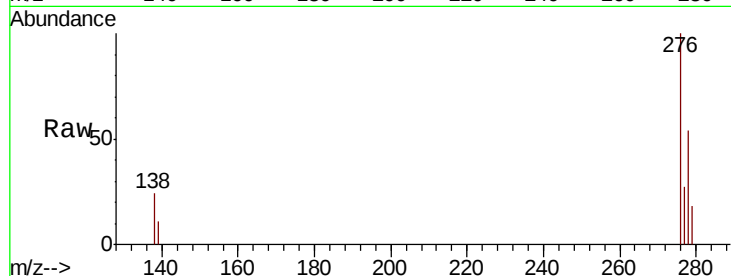
Tot Ion:276 Resp: 7718

Ion Ratio Lower Upper

276 100

138 18.6 15.8 23.6

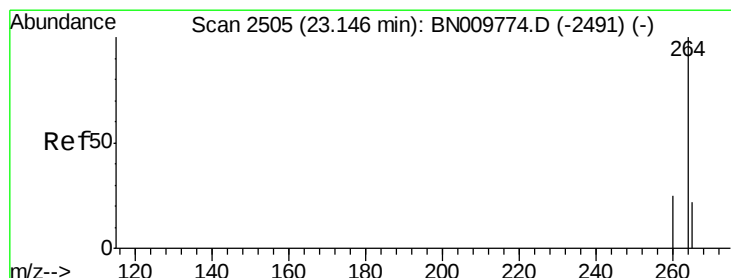
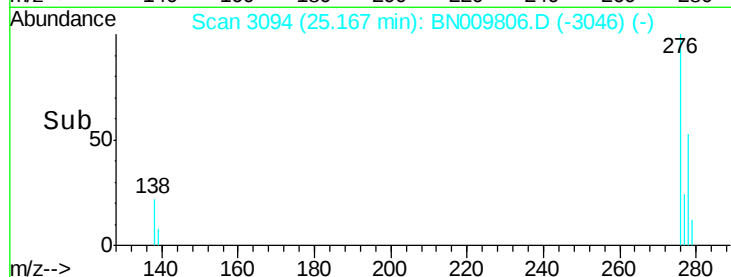
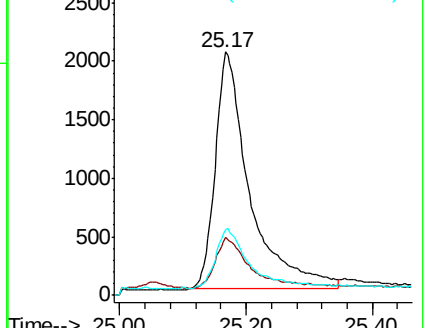
277 23.1 19.3 28.9



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: 23.12 min Scan# 2496

Delta R.T. -0.03 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

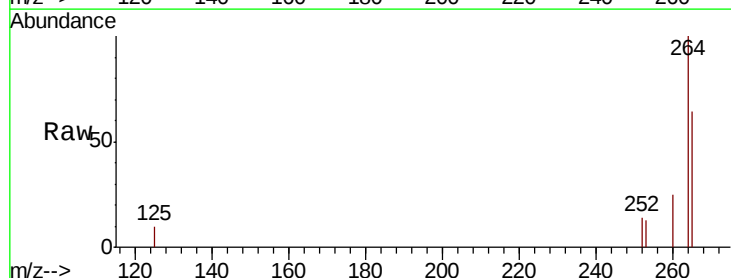
Tgt Ion:264 Resp: 5433

Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

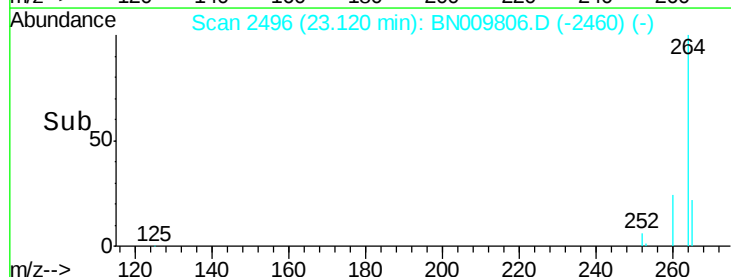
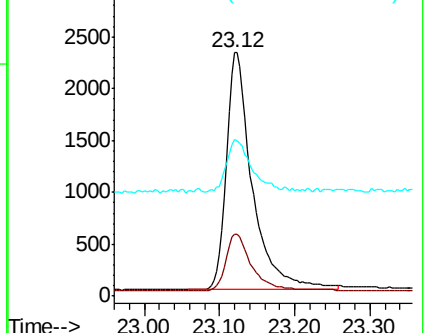
265 64.1 57.5 86.3



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: 0.331 ng

RT: 22.50 min Scan# 2316

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

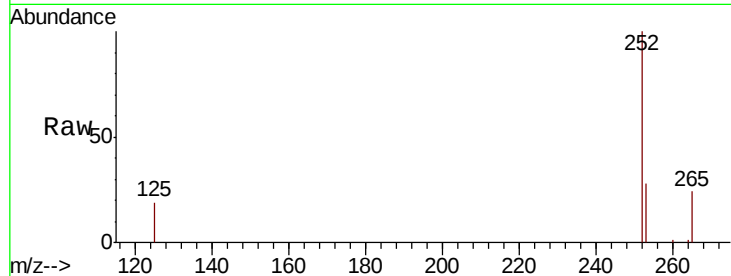
Tot Ion:252 Resp: 6582

Ion Ratio Lower Upper

252 100

253 28.3 23.0 34.6

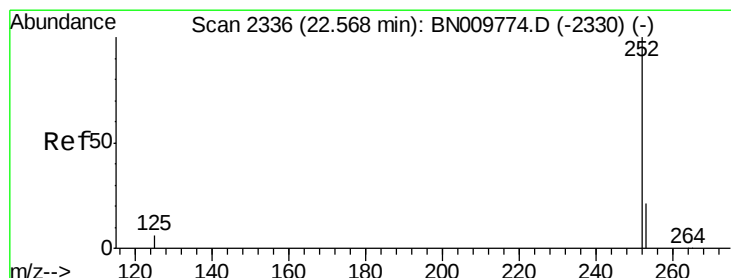
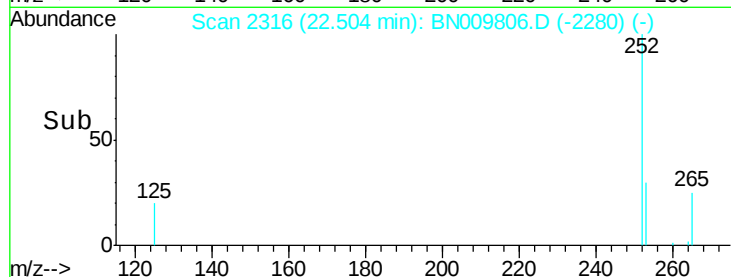
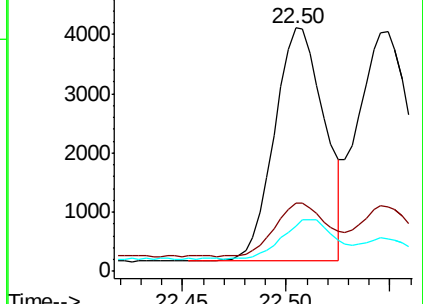
125 18.8 14.4 21.6



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



#36

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 22.55 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

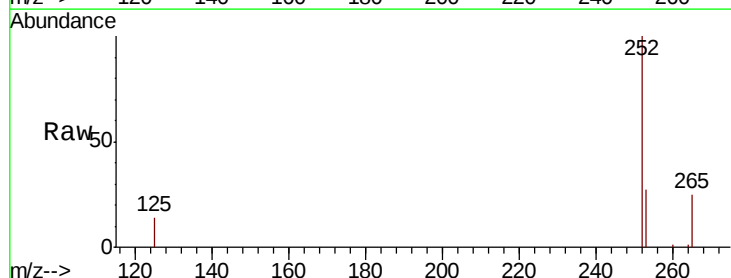
Tgt Ion:252 Resp: 8039

Ion Ratio Lower Upper

252 100

253 27.0 22.2 33.2

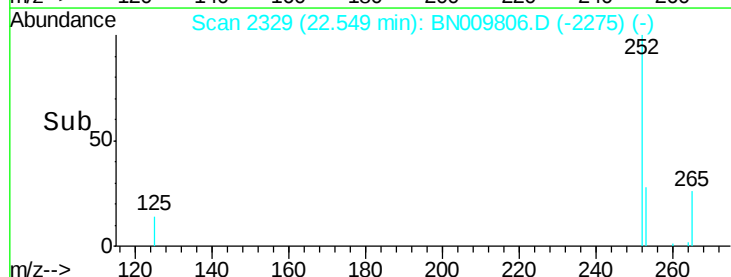
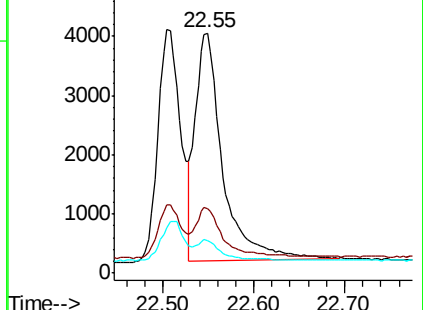
125 13.5 10.5 15.7

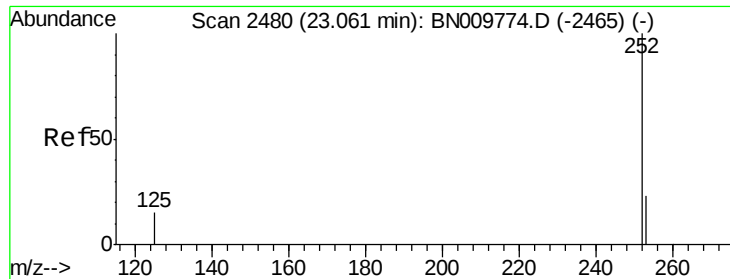


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.03 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

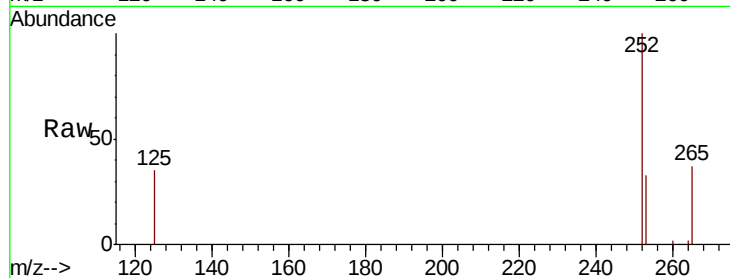
Tot Ion:252 Resp: 6811

Ion Ratio Lower Upper

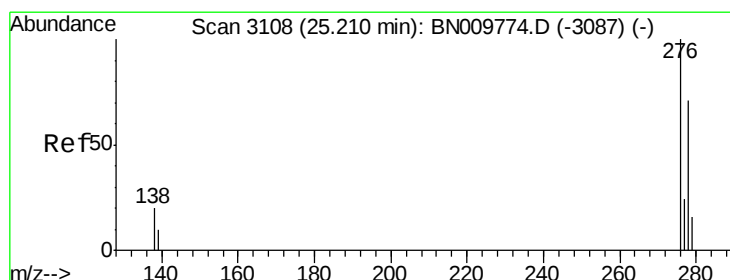
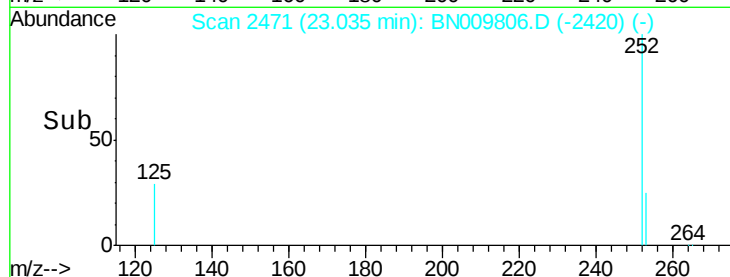
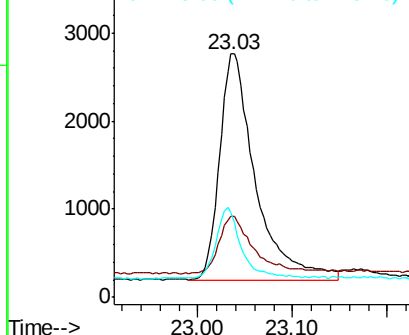
252 100

253 33.2 25.3 37.9

125 34.7 17.7 26.5#



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: 0.335 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

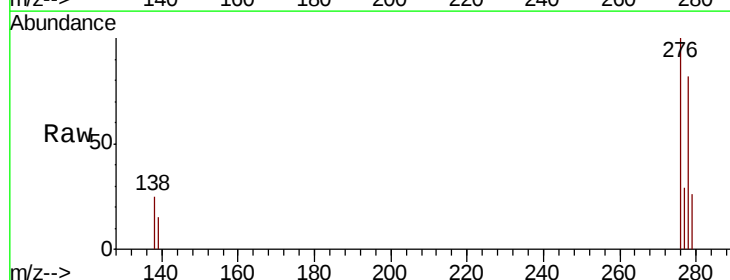
Tgt Ion:278 Resp: 5984

Ion Ratio Lower Upper

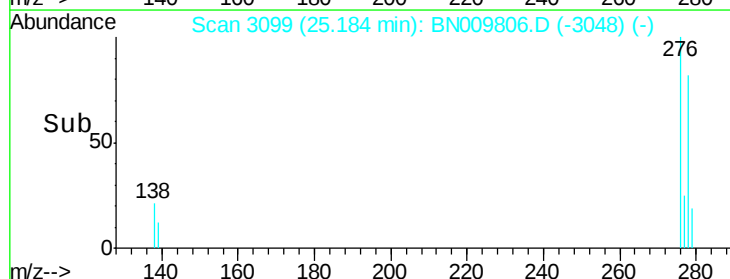
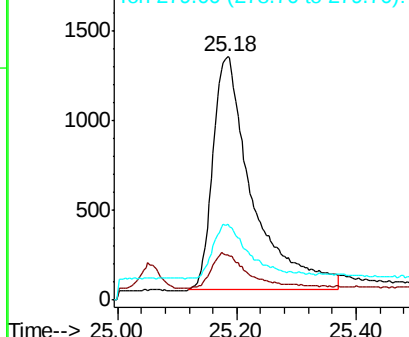
278 100

139 18.4 14.5 21.7

279 31.0 24.3 36.5



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: 0.349 ng

RT: 25.79 min Scan# 3276

Delta R.T. -0.04 min

Lab File: BN009806.D

Acq: 21 Feb 2020 13:57

Instrument :

BNA_N

ClientSampleId :

PB126934BS

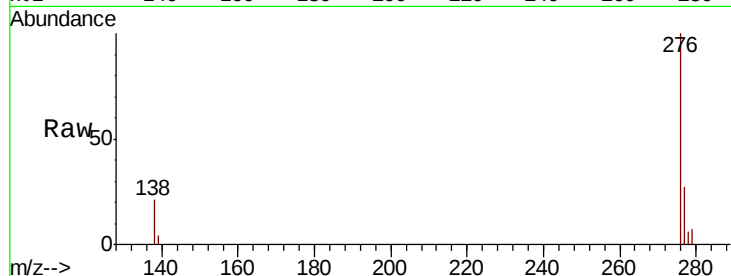
Tot Ion: 276 Resp: 6633

Ion Ratio Lower Upper

276 100

277 26.7 21.4 32.0

138 21.5 16.6 24.8



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

