

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009780.D
 Acq On : 19 Feb 2020 16:46
 Operator : CG/JU
 Sample : PB126695BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126695BS

Quant Time: Feb 20 04:23:08 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	7.43	152	1078	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	3701	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	2375	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	5378	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	4807	0.40	ng	-0.01
34) Perylene-d12	23.14	264	5044	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.08	112	892	0.37	ng	0.00
5) Phenol-d6	6.65	99	1101	0.38	ng	0.00
8) Nitrobenzene-d5	8.61	82	1113	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.78	152	2742	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	317	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	3555	0.40	ng	-0.02
25) Fluoranthene-d10	18.85	212	6897	0.37	ng	0.00
29) Terphenyl-d14	19.47	244	4458	0.39	ng	-0.01

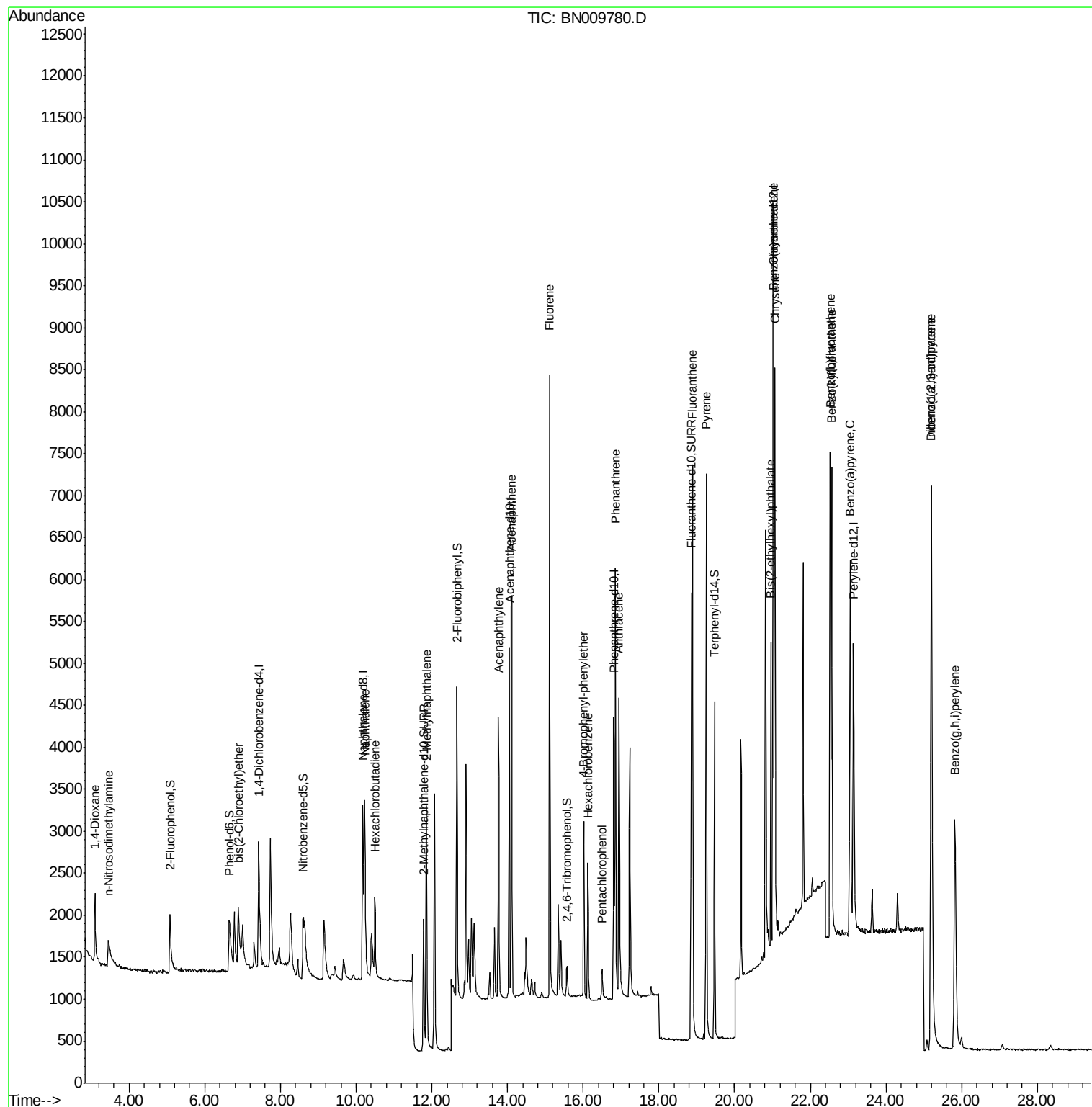
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	434	0.393	ng	97
3) n-Nitrosodimethylamine	3.46	42	527	0.291	ng	# 93
6) bis(2-Chloroethyl)ether	6.89	93	1112	0.392	ng	94
9) Naphthalene	10.23	128	3850	0.381	ng	99
10) Hexachlorobutadiene	10.49	225	833	0.375	ng	# 95
12) 2-Methylnaphthalene	11.85	142	2639	0.381	ng	98
16) Acenaphthylene	13.76	152	3657	0.361	ng	99
17) Acenaphthene	14.11	154	2706	0.380	ng	99
18) Fluorene	15.12	166	3595	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1269	0.328	ng	# 90
21) Hexachlorobenzene	16.12	284	1260	0.376	ng	98
22) Pentachlorophenol	16.50	266	274	0.423	ng	94
23) Phenanthrene	16.85	178	5970	0.373	ng	99
24) Anthracene	16.94	178	5051	0.373	ng	100
26) Fluoranthene	18.88	202	6896	0.360	ng	99
28) Pyrene	19.25	202	6982	0.383	ng	100
30) Benzo(a)anthracene	21.02	228	6156	0.386	ng	99
31) Chrysene	21.07	228	6994	0.379	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	2943	0.378	ng	100
33) Indeno(1,2,3-cd)pyrene	25.20	276	7834	0.408	ng	99
35) Benzo(b)fluoranthene	22.52	252	7151	0.388	ng	95
36) Benzo(k)fluoranthene	22.56	252	7234	0.360	ng	99
37) Benzo(a)pyrene	23.05	252	6582	0.391	ng	96
38) Dibenzo(a,h)anthracene	25.20	278	6367	0.384	ng	96
39) Benzo(g,h,i)perylene	25.82	276	6625	0.375	ng	98

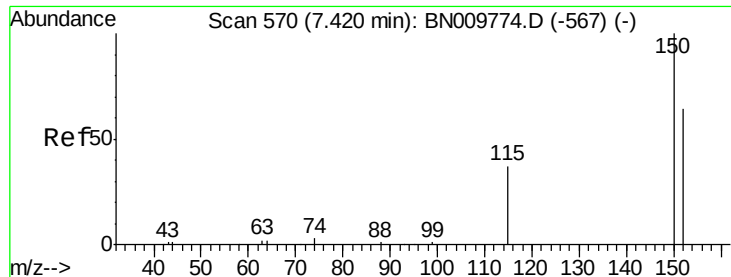
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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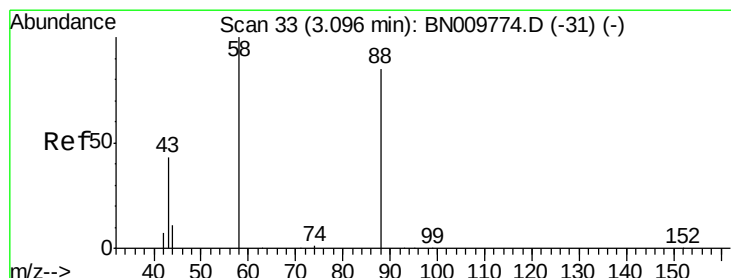
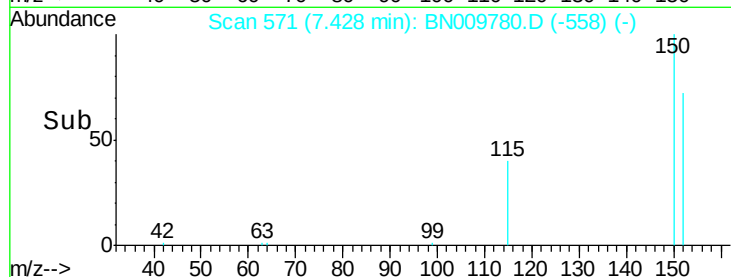
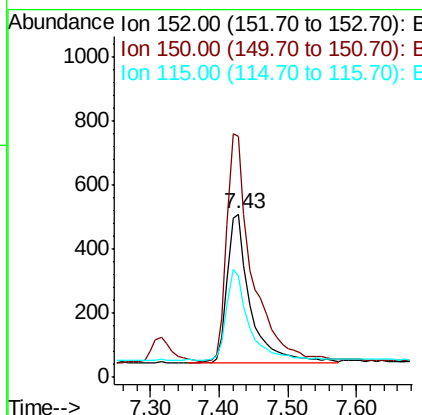
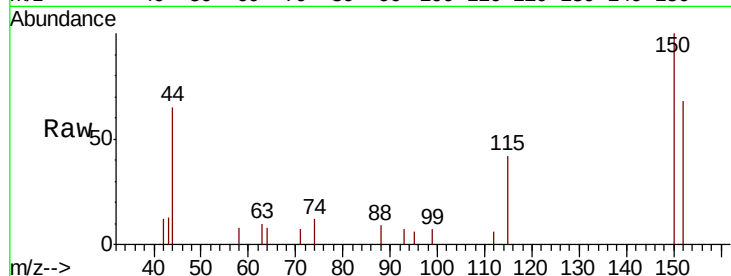


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.43 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BN009780.D
 Acq: 19 Feb 2020 16:46

Instrument :
 BNA_N
 ClientSampleId :
 PB126695BS

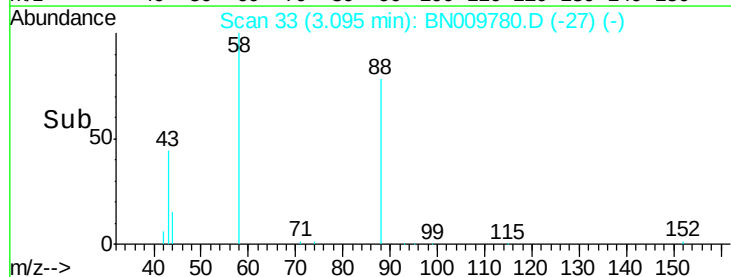
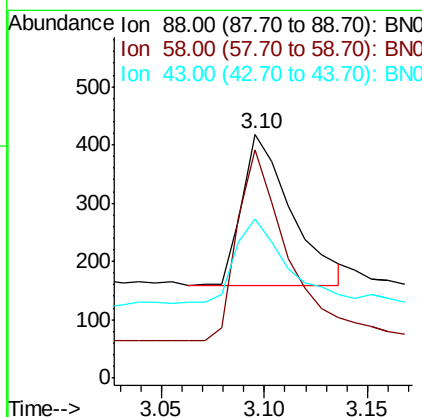
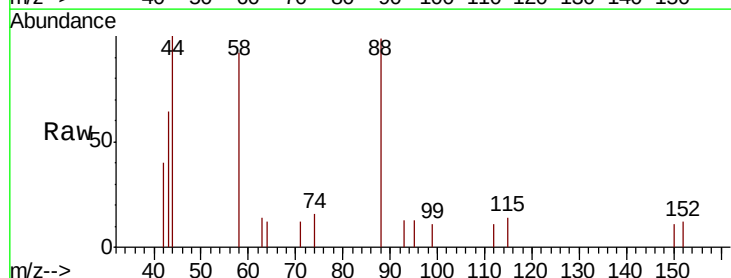
Tot Ion:152 Resp: 1078
 Ion Ratio Lower Upper
 152 100
 150 147.6 120.6 181.0
 115 61.8 51.2 76.8

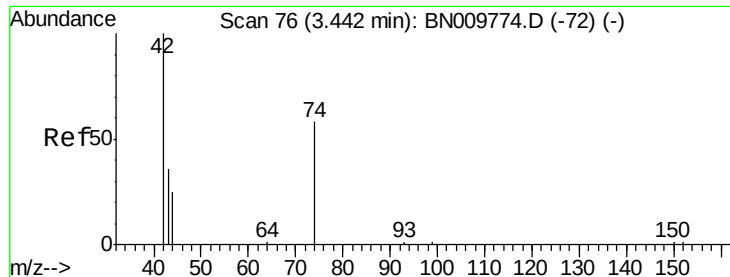


#2

1,4-Dioxane
 Concen: 0.393 ng
 RT: 3.10 min Scan# 33
 Delta R.T. -0.00 min
 Lab File: BN009780.D
 Acq: 19 Feb 2020 16:46

Tgt Ion: 88 Resp: 434
 Ion Ratio Lower Upper
 88 100
 58 126.0 97.8 146.8
 43 55.1 45.1 67.7



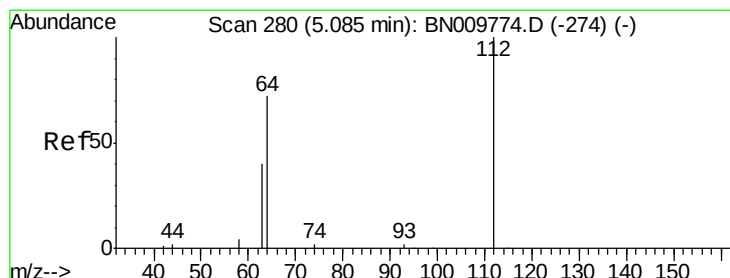
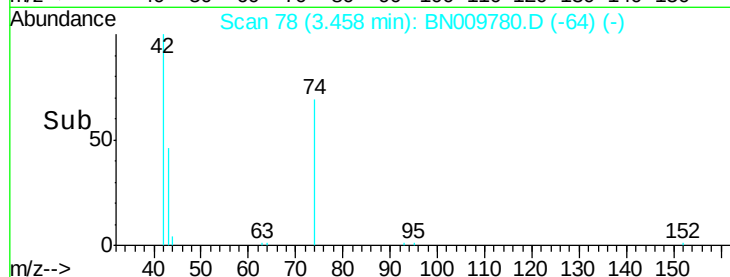
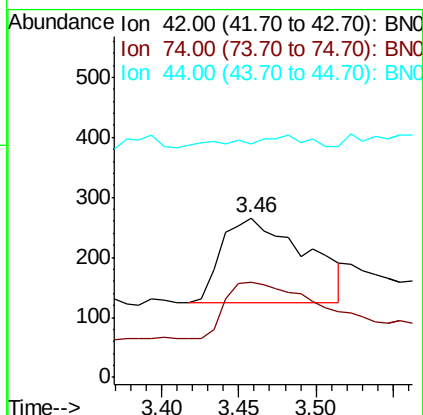
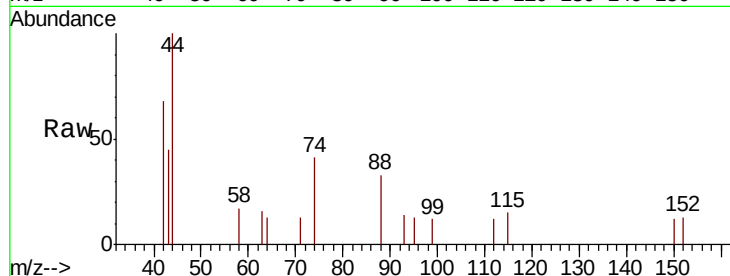


#3

n-Nitrosodimethylamine
 Concen: 0.291 ng
 RT: 3.46 min Scan# 78
 Delta R.T. 0.02 min
 Lab File: BN009780.D
 Acq: 19 Feb 2020 16:46

Instrument :
 BNA_N
 ClientSampleId :
 PB126695BS

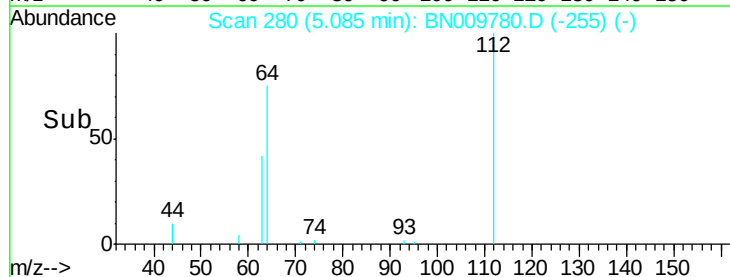
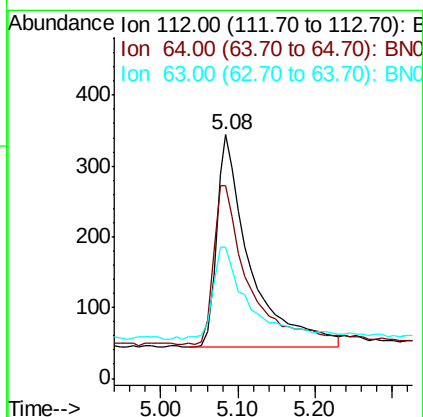
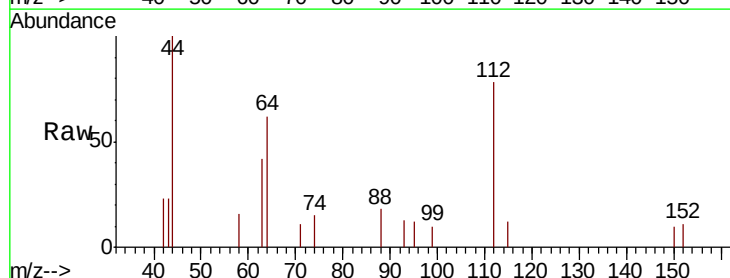
Tot Ion: 42 Resp: 527
 Ion Ratio Lower Upper
 42 100
 74 69.4 51.2 76.8
 44 0.0 2.6 4.0#

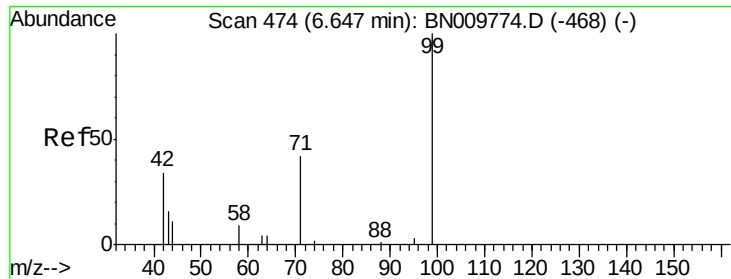


#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.08 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: BN009780.D
 Acq: 19 Feb 2020 16:46

Tgt Ion: 112 Resp: 892
 Ion Ratio Lower Upper
 112 100
 64 81.4 65.8 98.6
 63 47.5 38.7 58.1





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.65 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

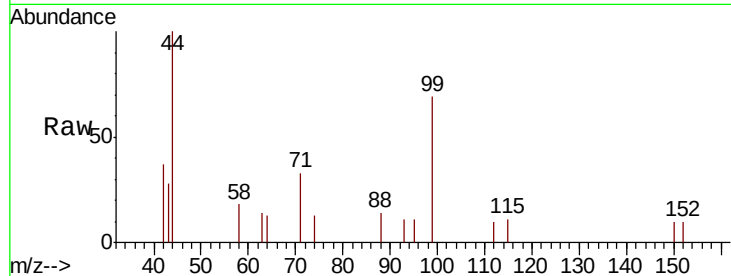
Tot Ion: 99 Resp: 1101

Ion Ratio Lower Upper

99 100

42 38.9 30.8 46.2

71 41.9 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) (-)

6.65

400

300

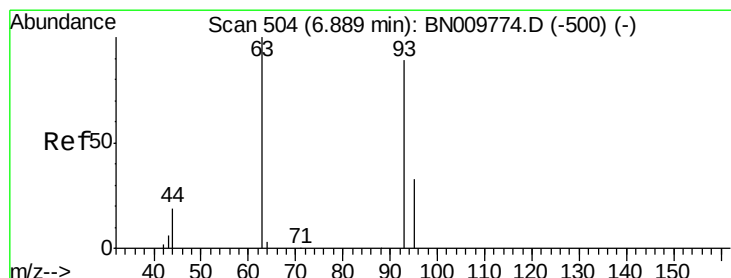
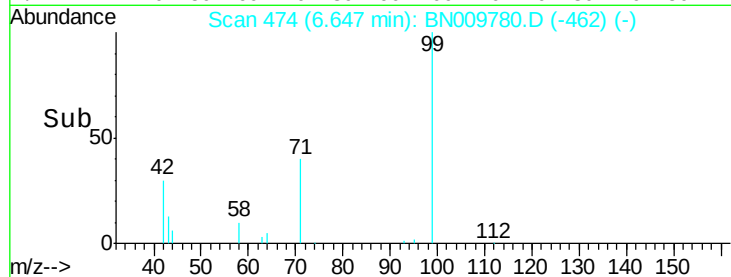
200

100

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

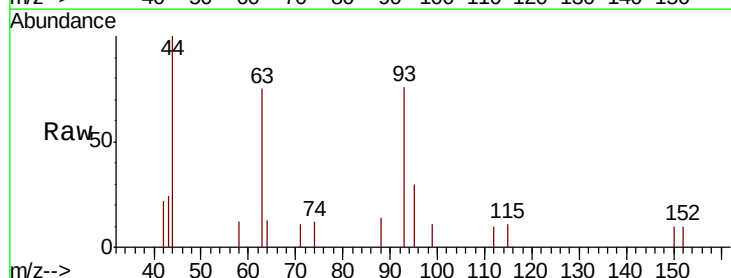
Tgt Ion: 93 Resp: 1112

Ion Ratio Lower Upper

93 100

63 86.3 74.0 111.0

95 30.9 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) (-)

800

600

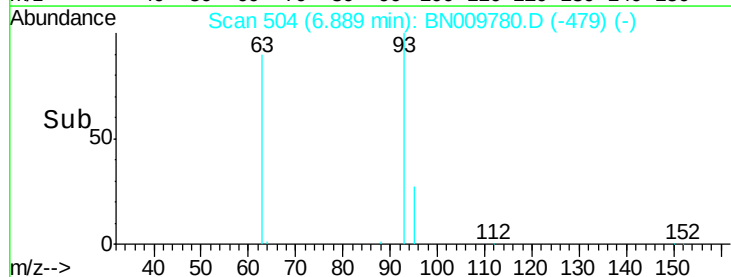
400

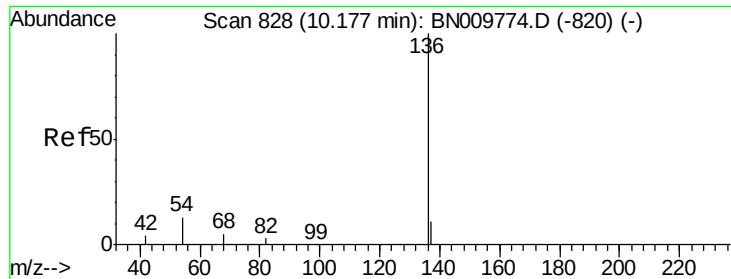
200

0

6.80 6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

Tot Ion:136 Resp: 3701

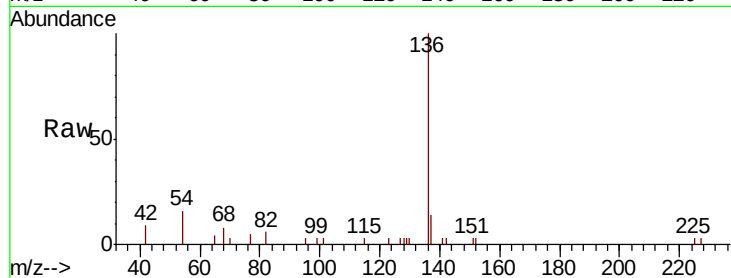
Ion Ratio Lower Upper

136 100

137 13.8 11.3 16.9

54 16.1 13.4 20.2

68 7.9 7.0 10.4

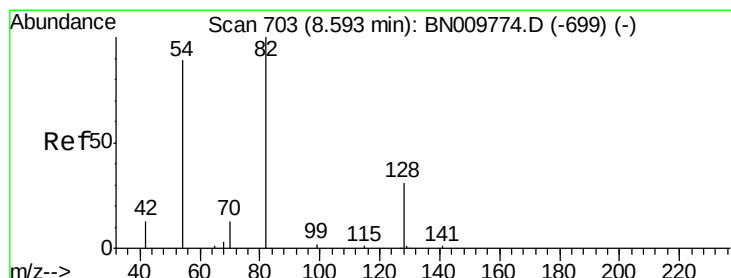
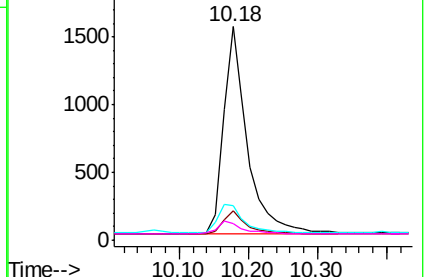
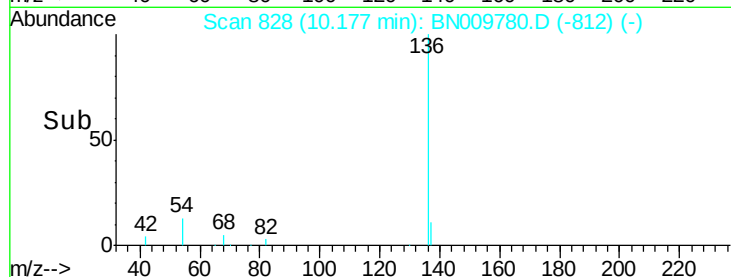


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

RT: 8.61 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

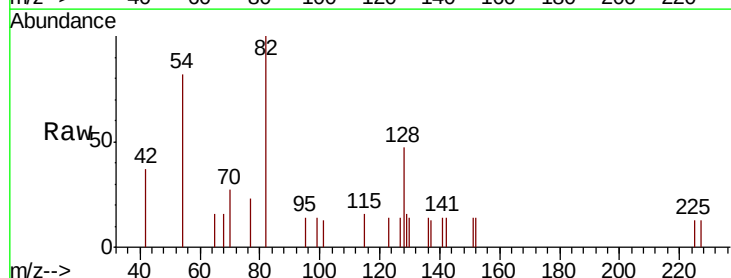
Tgt Ion: 82 Resp: 1113

Ion Ratio Lower Upper

82 100

128 47.0 32.5 48.7

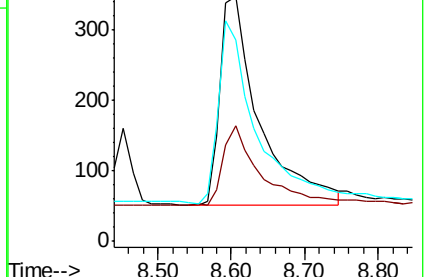
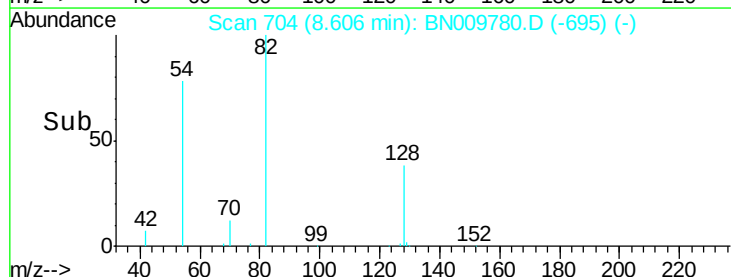
54 82.4 73.5 110.3

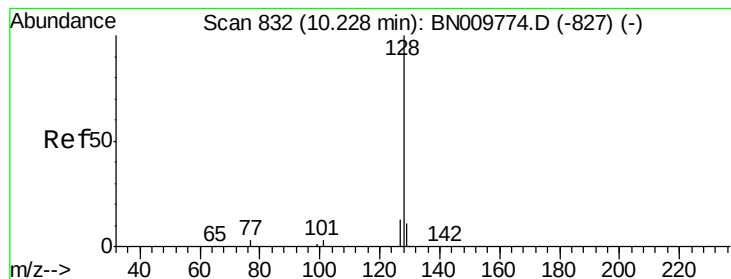


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.381 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009780.D

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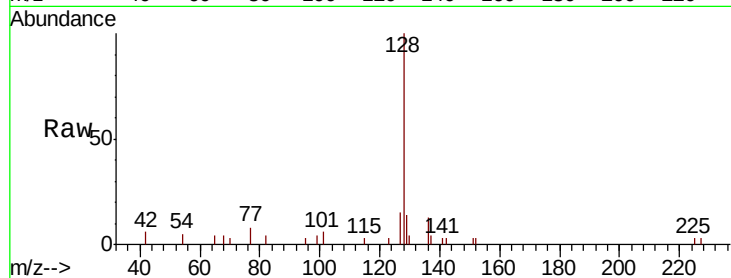
Tot Ion:128 Resp: 3850

Ion Ratio Lower Upper

128 100

129 13.8 11.1 16.7

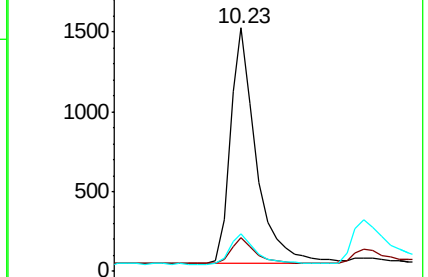
127 15.3 12.6 19.0



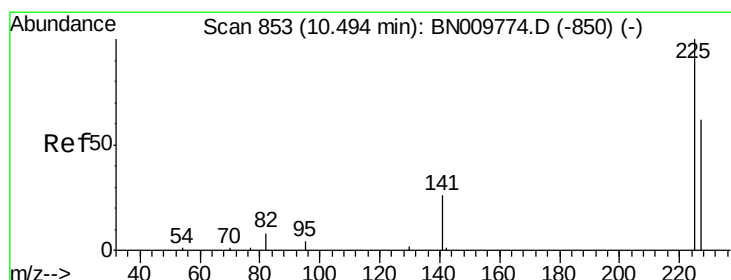
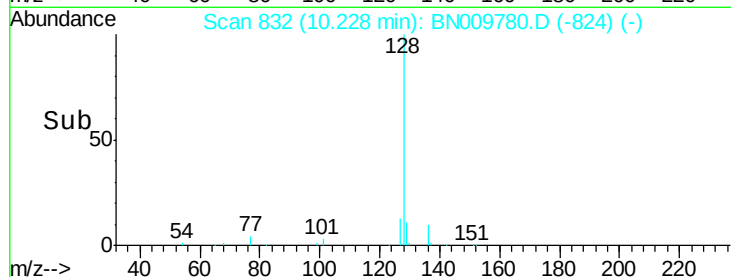
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.375 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

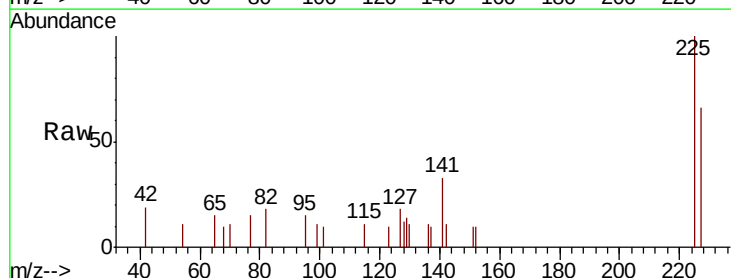
Tgt Ion:225 Resp: 833

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

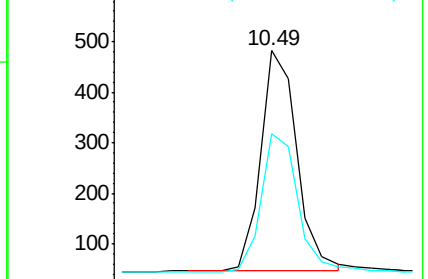
227 63.1 53.4 80.2



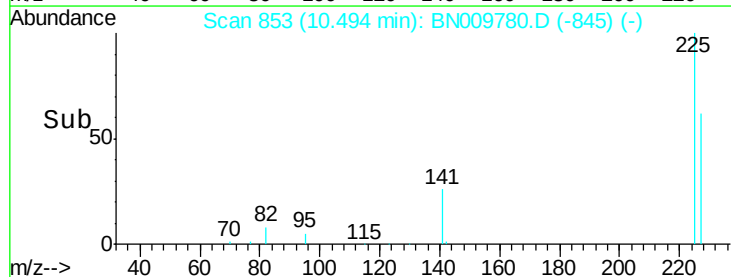
Abundance Ion 225.00 (224.70 to 225.70): E

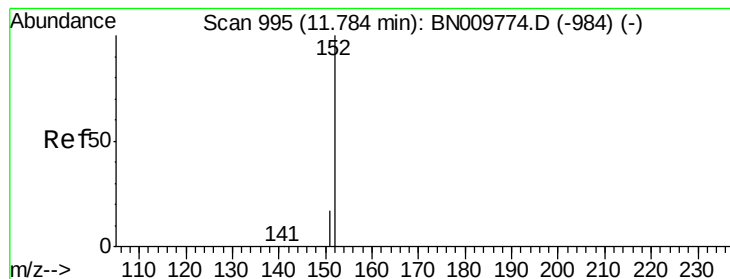
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 11.78 min Scan# 994

Delta R.T. -0.00 min

Lab File: BN009780.D

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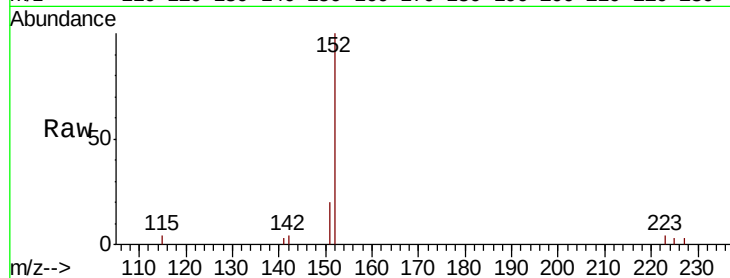
PB126695BS

Tot Ion:152 Resp: 2742

Ion Ratio Lower Upper

152 100

151 17.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.78

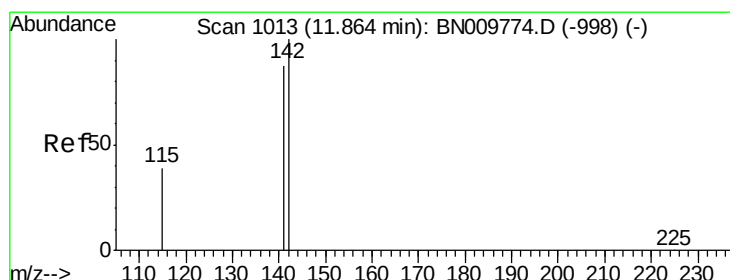
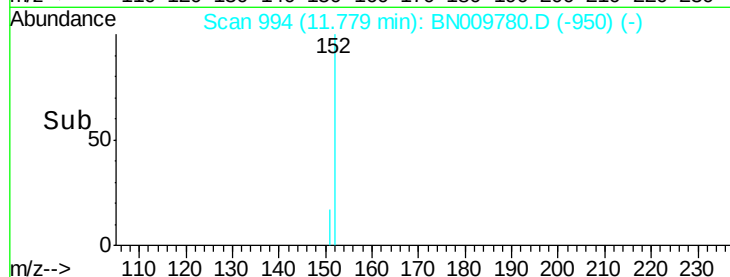
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 11.85 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

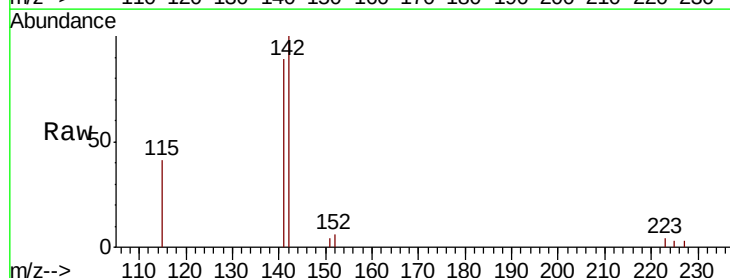
Tgt Ion:142 Resp: 2639

Ion Ratio Lower Upper

142 100

141 89.2 69.8 104.6

115 41.4 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

11.85

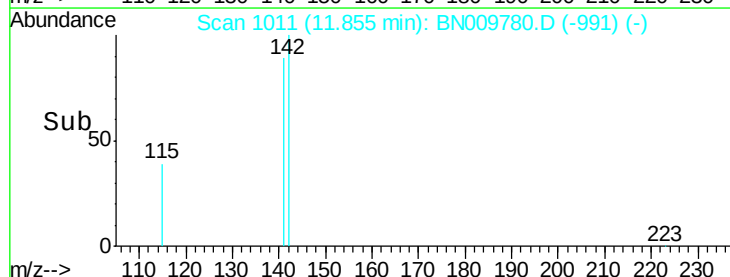
1500

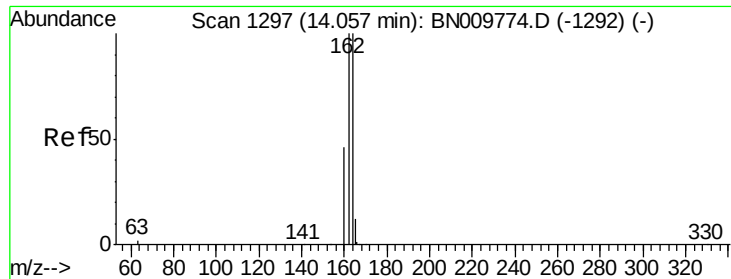
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

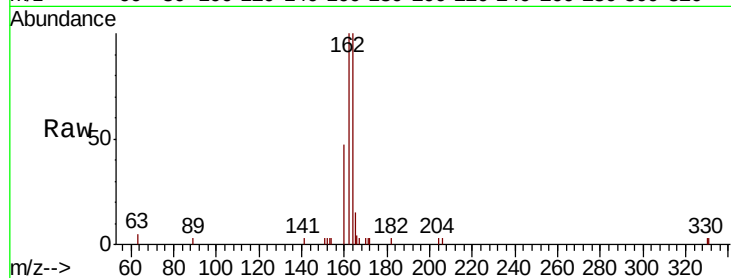
Tot Ion:164 Resp: 2375

Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

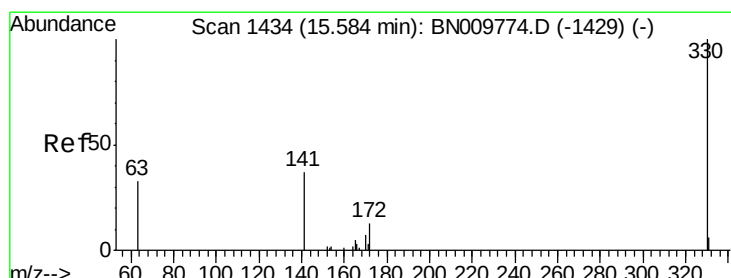
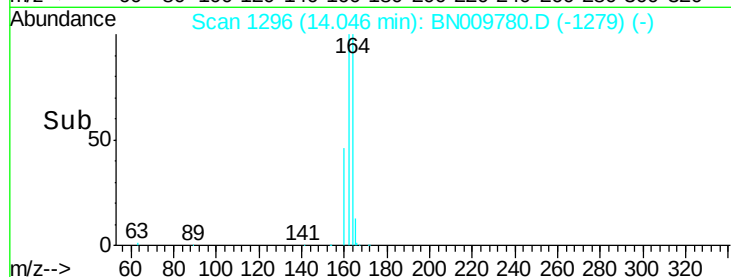
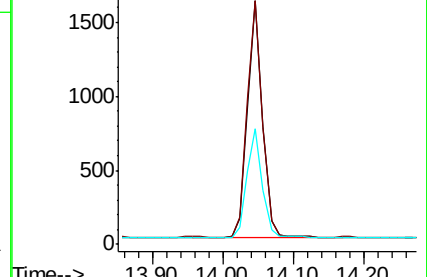
160 47.4 38.2 57.2



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: 0.346 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

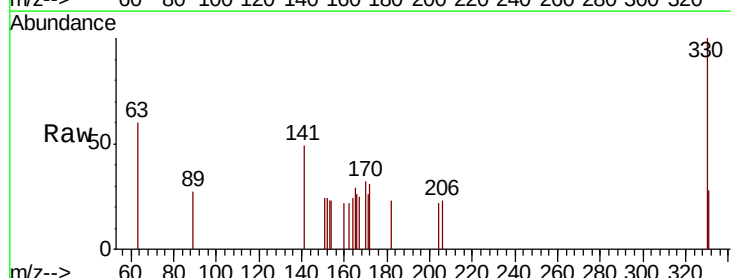
Tgt Ion:330 Resp: 317

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

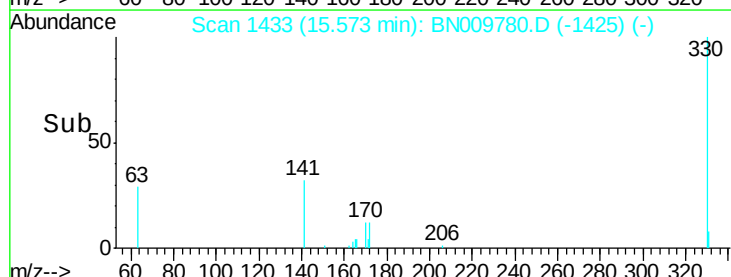
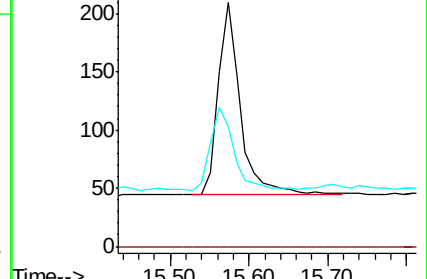
141 44.5 36.8 55.2

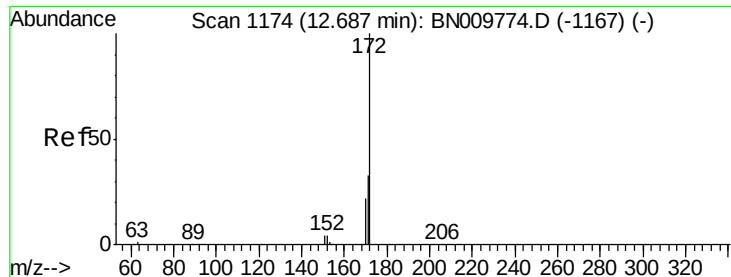


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

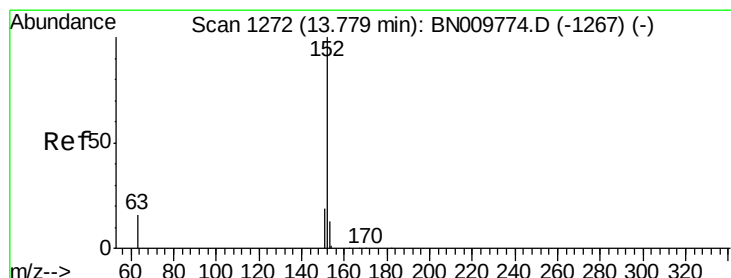
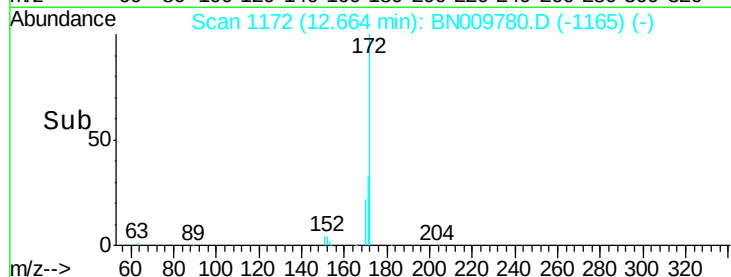
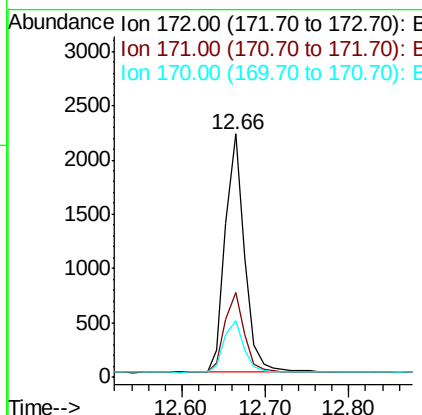
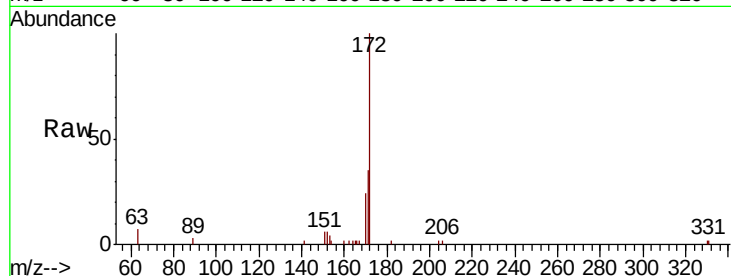




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009780.D
Acq: 19 Feb 2020 16:46

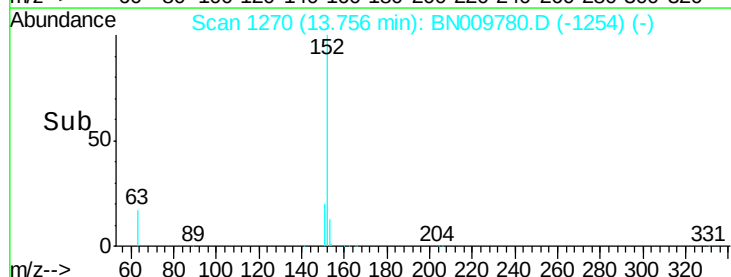
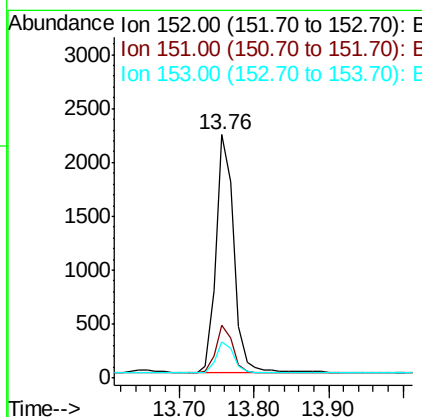
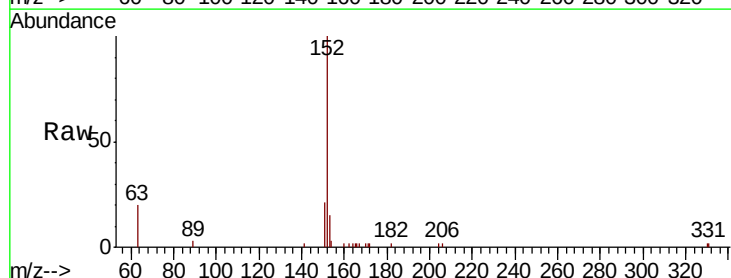
Instrument :
BNA_N
ClientSampleId :
PB126695BS

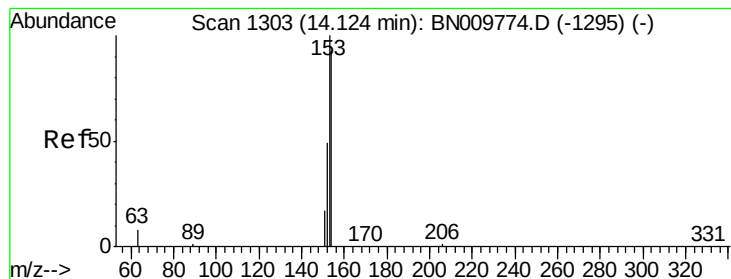
Tot Ion:172 Resp: 3555
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009780.D
Acq: 19 Feb 2020 16:46

Tgt Ion:152 Resp: 3657
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.380 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

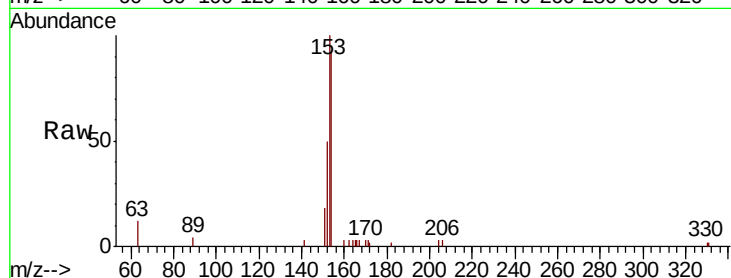
Tot Ion:154 Resp: 2706

Ion Ratio Lower Upper

154 100

153 112.1 88.9 133.3

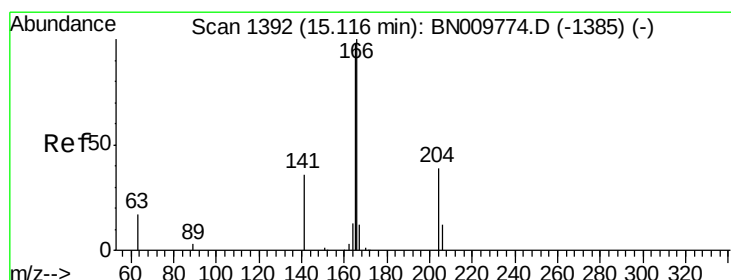
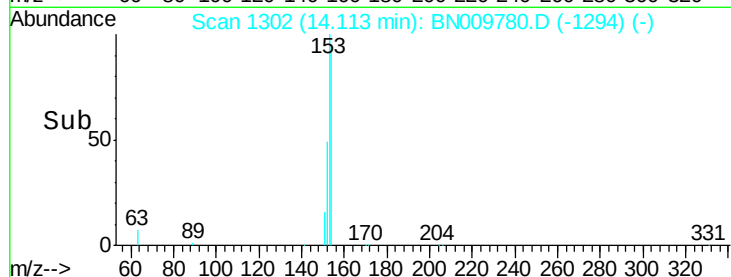
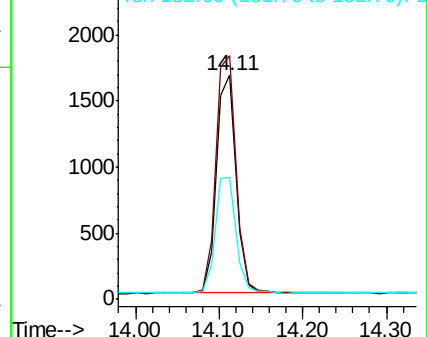
152 56.7 44.2 66.2



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: 0.383 ng

RT: 15.12 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

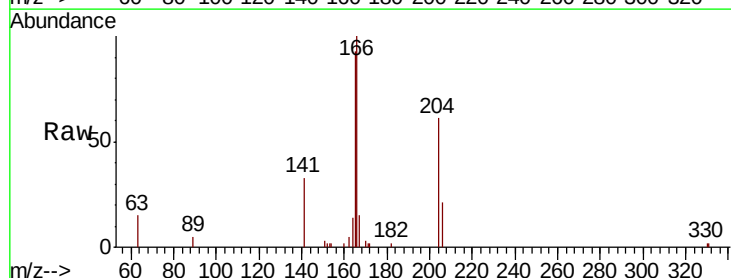
Tgt Ion:166 Resp: 3595

Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

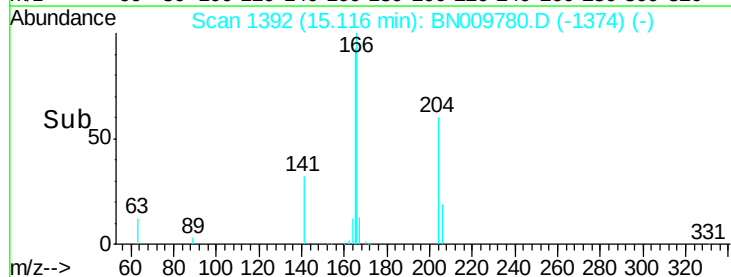
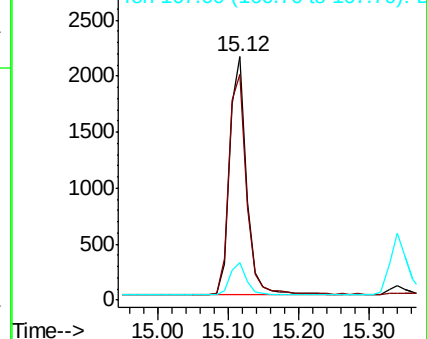
167 13.4 10.5 15.7

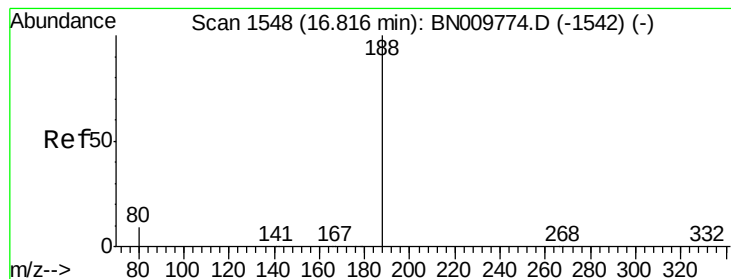


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1547

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

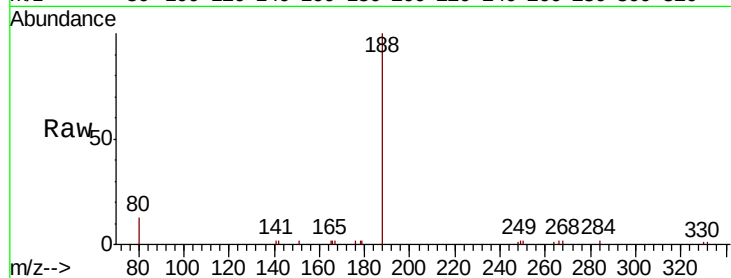
Tot Ion:188 Resp: 5378

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

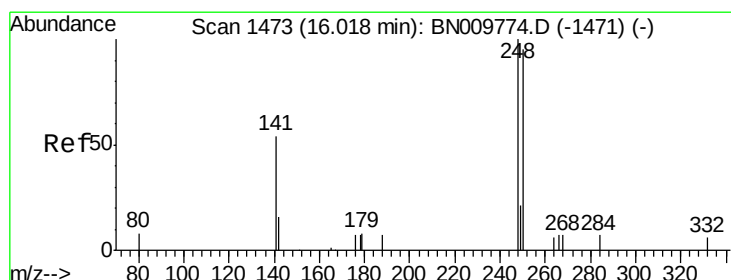
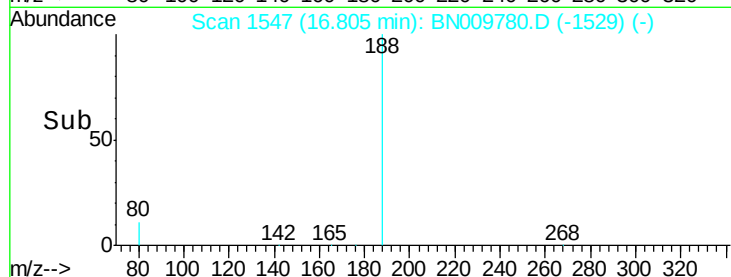
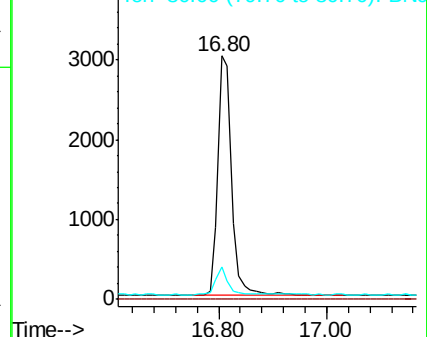
80 13.3 8.3 12.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.328 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

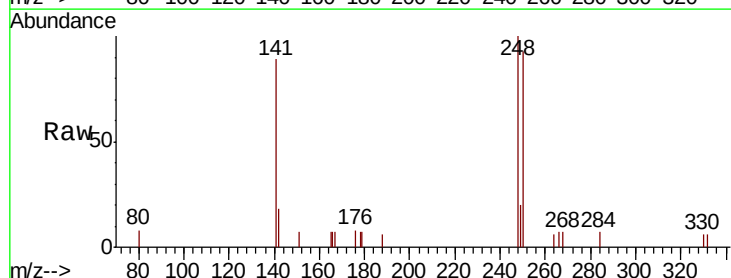
Tgt Ion:248 Resp: 1269

Ion Ratio Lower Upper

248 100

250 92.8 76.2 114.4

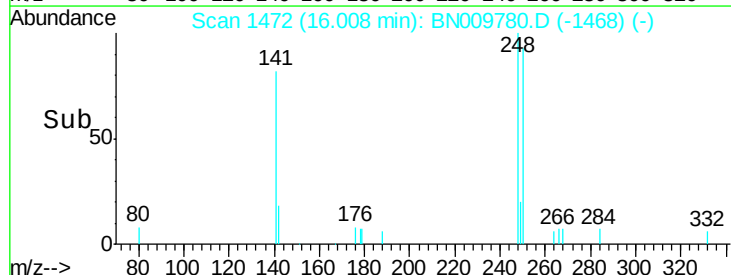
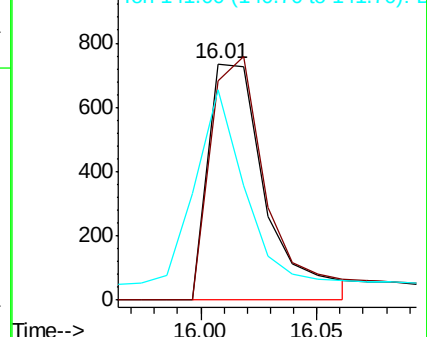
141 88.9 57.8 86.6#

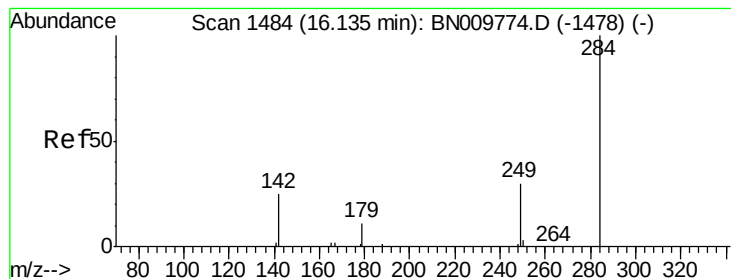


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

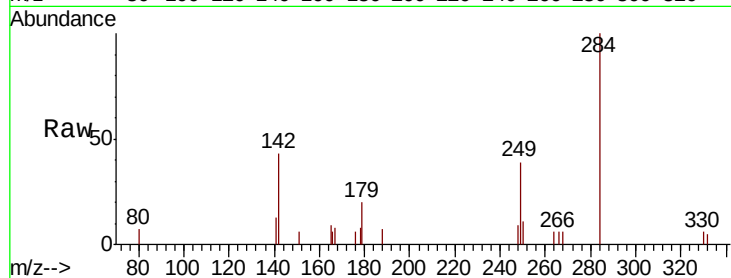
Tot Ion:284 Resp: 1260

Ion Ratio Lower Upper

284 100

142 40.0 33.3 49.9

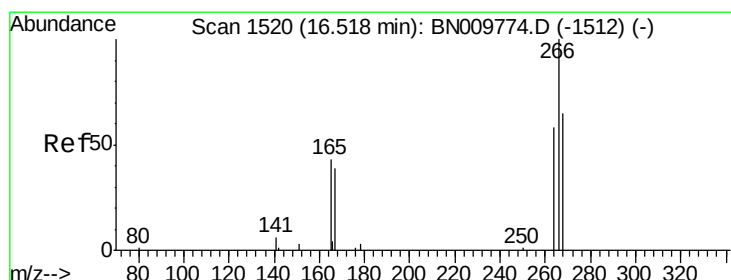
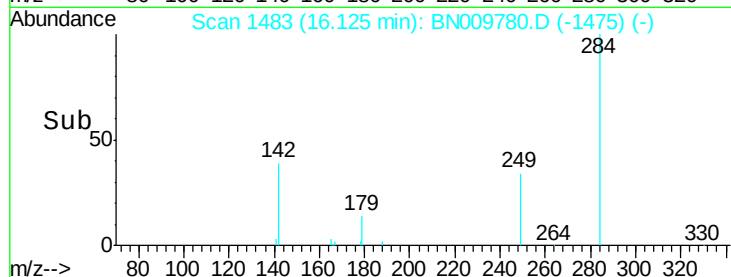
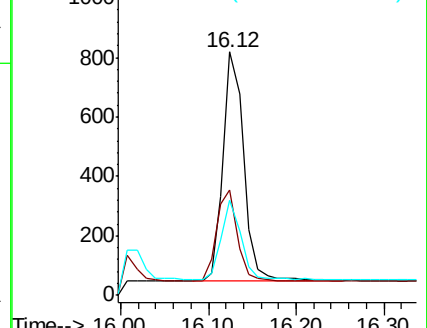
249 33.0 25.7 38.5



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: 0.423 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

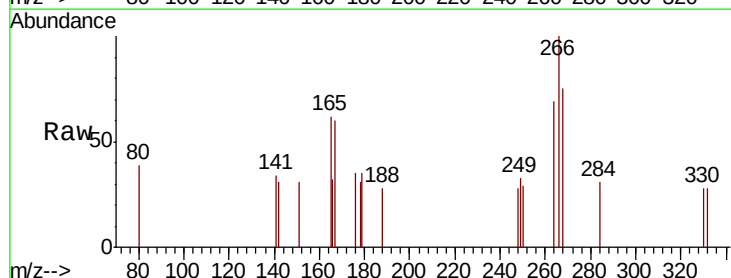
Tgt Ion:266 Resp: 274

Ion Ratio Lower Upper

266 100

264 69.3 58.1 87.1

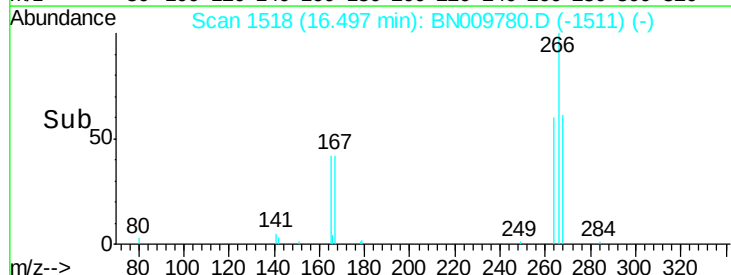
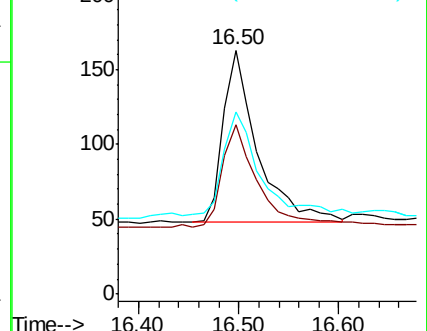
268 74.8 65.7 98.5

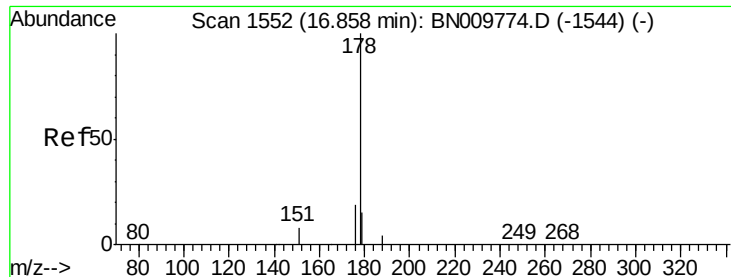


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.373 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

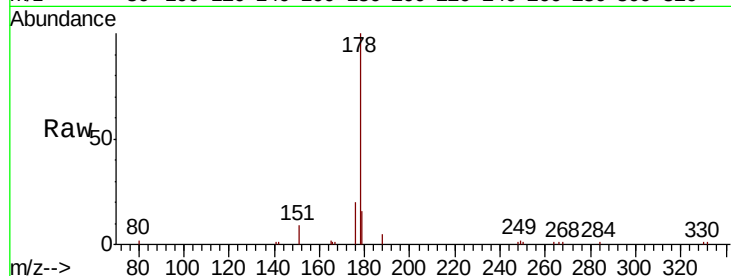
Tot Ion:178 Resp: 5970

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

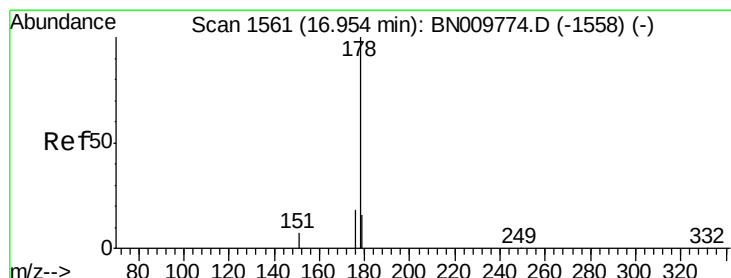
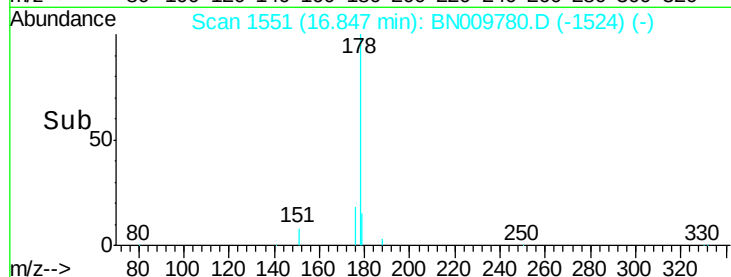
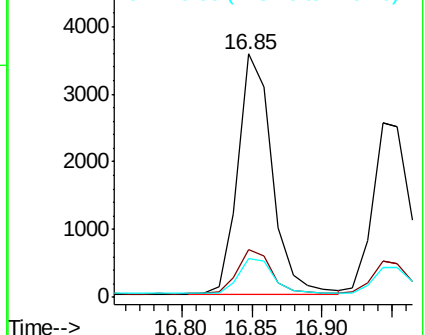
179 15.4 12.4 18.6



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: 0.373 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

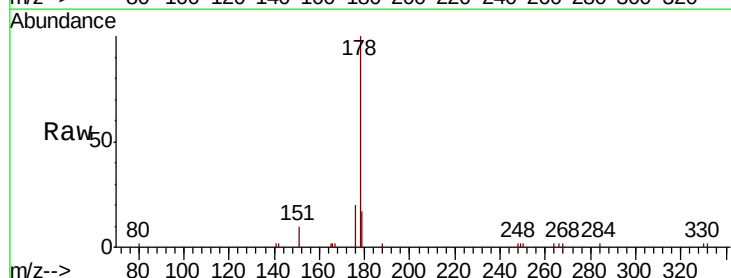
Tgt Ion:178 Resp: 5051

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

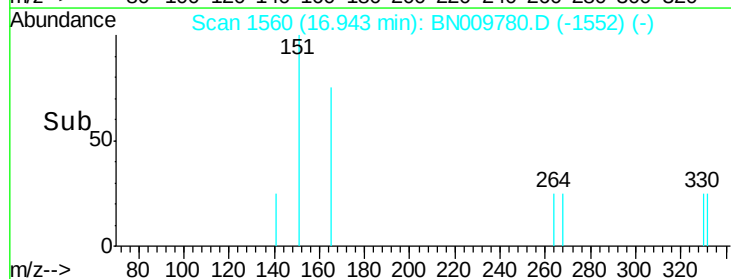
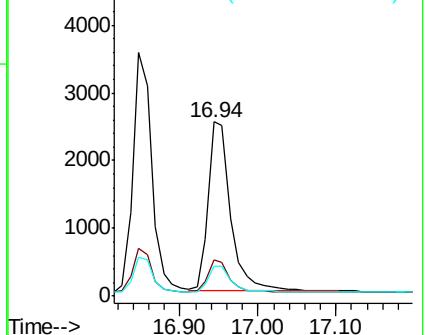
179 15.7 12.4 18.6

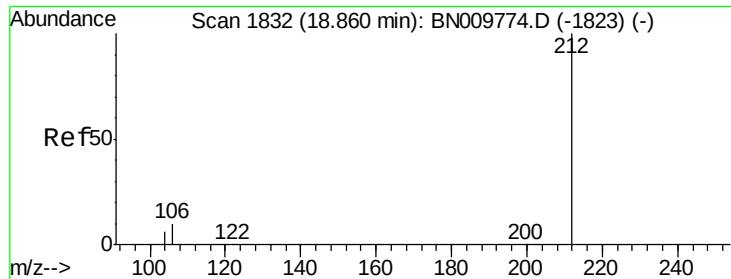


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

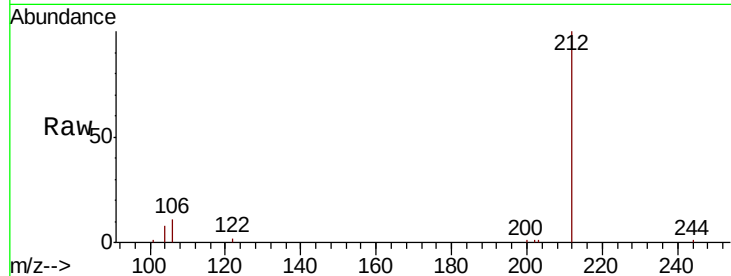
Tot Ion:212 Resp: 6897

Ion Ratio Lower Upper

212 100

106 10.7 8.4 12.6

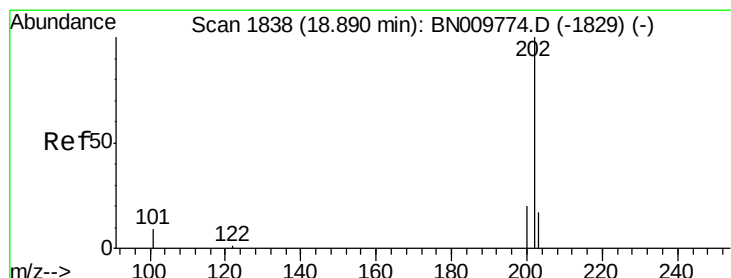
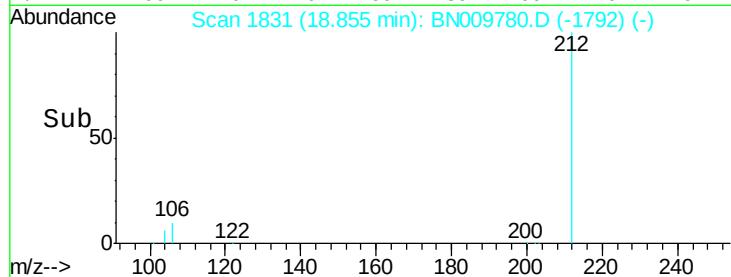
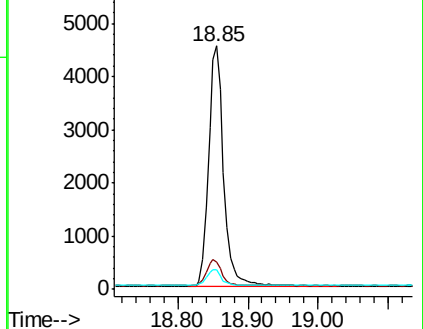
104 6.7 4.8 7.2



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: 0.360 ng

RT: 18.88 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

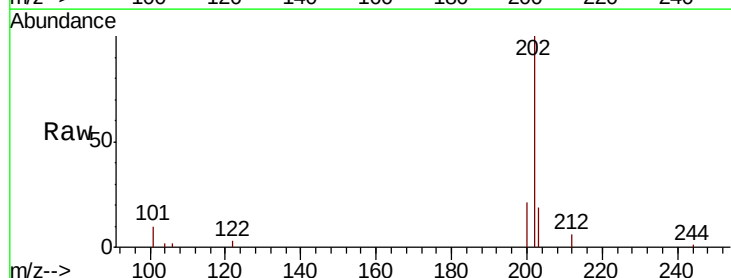
Tgt Ion:202 Resp: 6896

Ion Ratio Lower Upper

202 100

101 9.4 7.1 10.7

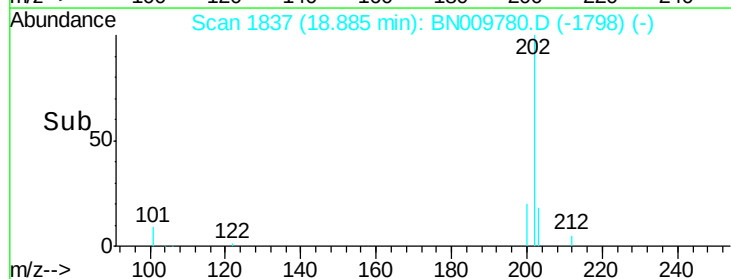
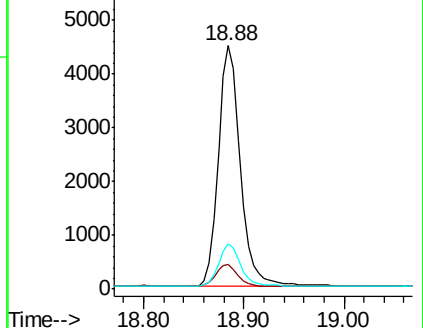
203 17.6 13.8 20.6

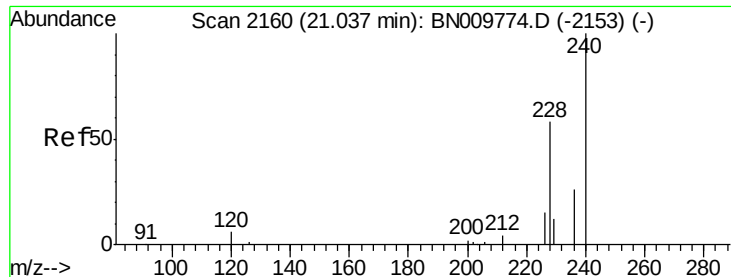


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

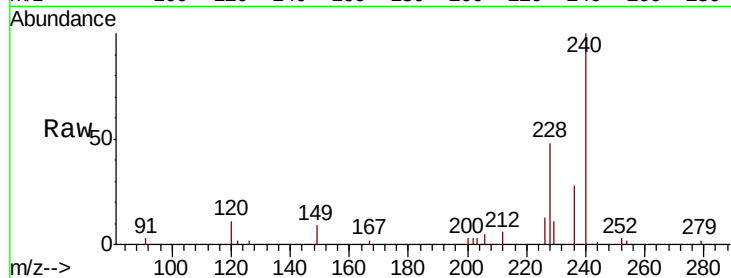
Tot Ion:240 Resp: 4807

Ion Ratio Lower Upper

240 100

120 10.7 7.9 11.9

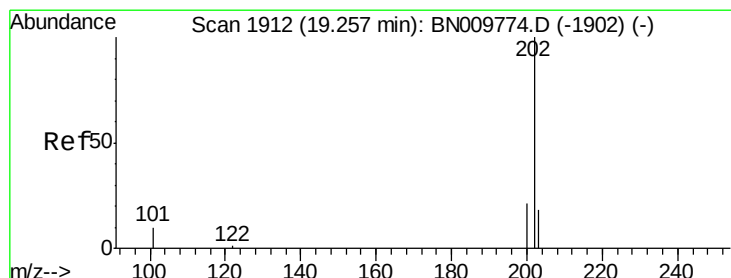
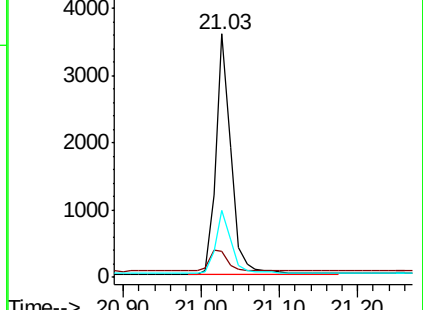
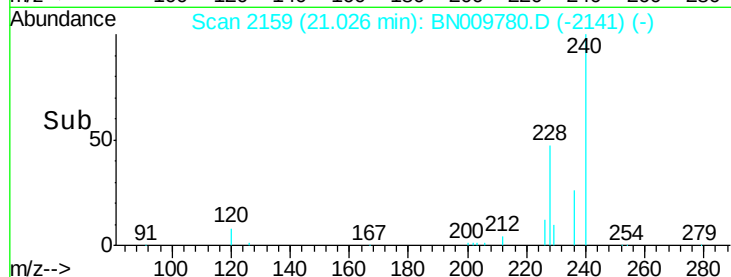
236 27.6 22.0 33.0



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: 0.383 ng

RT: 19.25 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

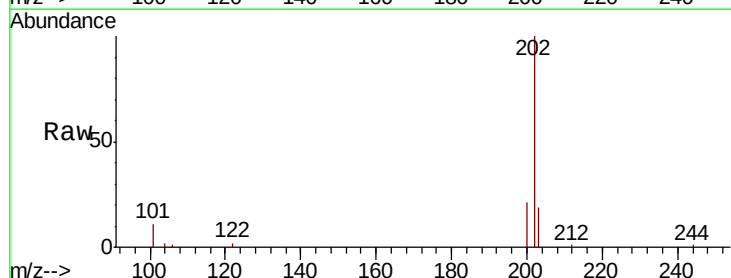
Tgt Ion:202 Resp: 6982

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

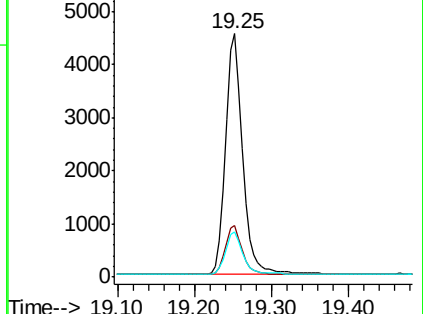
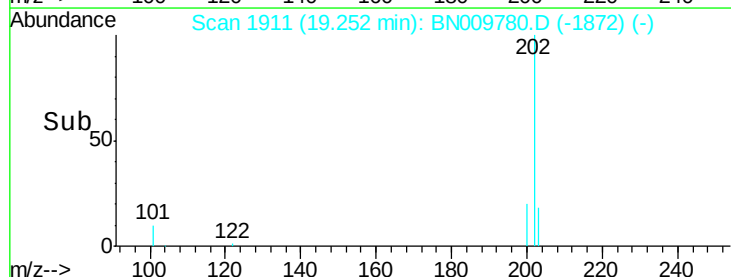
203 17.7 13.9 20.9

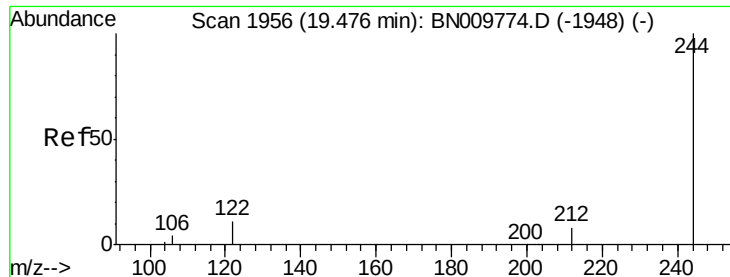


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

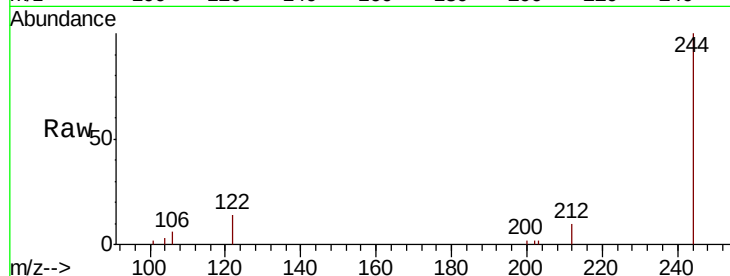
Tot Ion:244 Resp: 4458

Ion Ratio Lower Upper

244 100

212 9.6 8.0 12.0

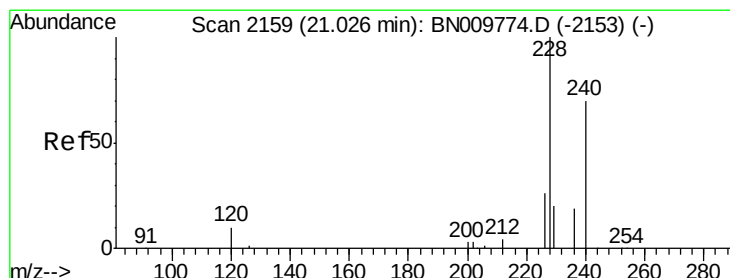
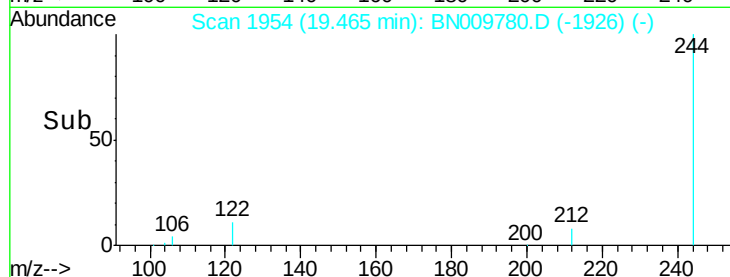
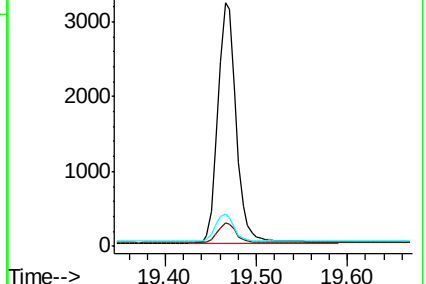
122 13.6 10.0 15.0



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: 0.386 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

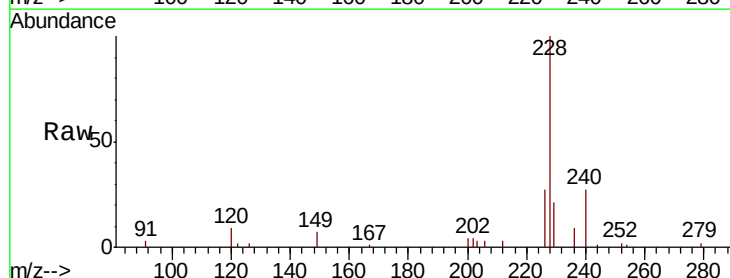
Tgt Ion:228 Resp: 6156

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

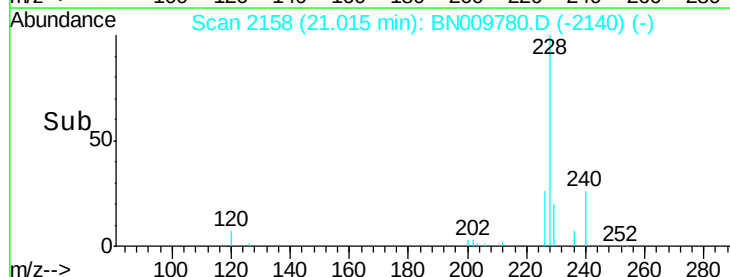
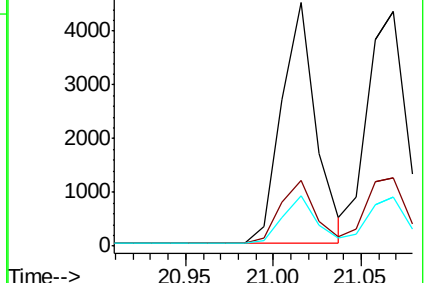
229 20.7 17.1 25.7

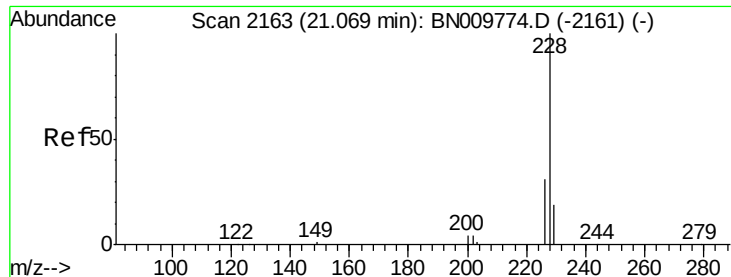


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.379 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

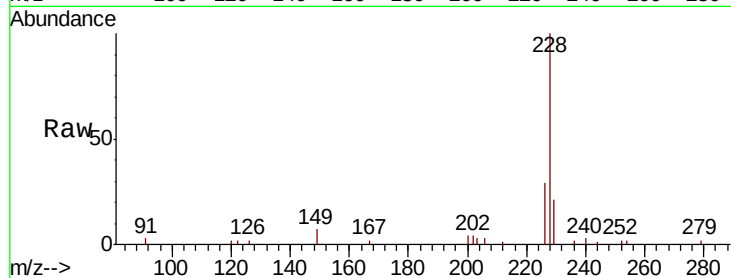
Tot Ion:228 Resp: 6994

Ion Ratio Lower Upper

228 100

226 29.3 24.8 37.2

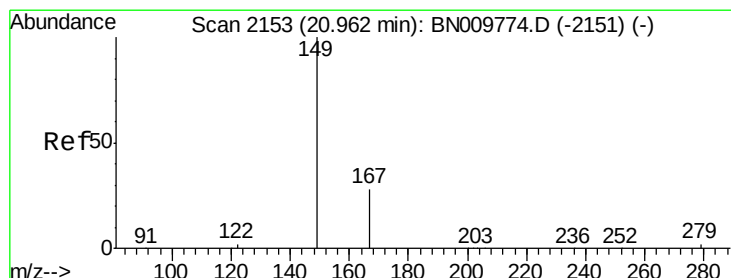
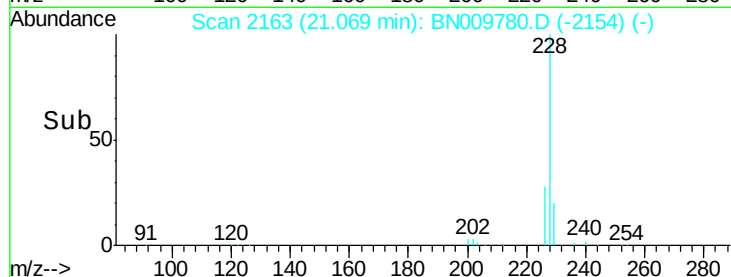
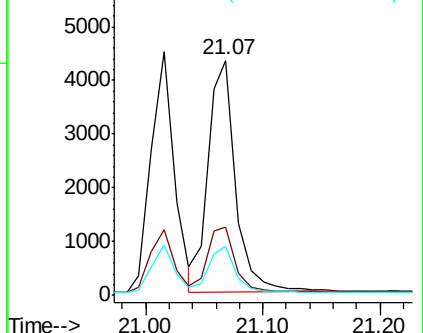
229 20.8 16.4 24.6



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: 0.378 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

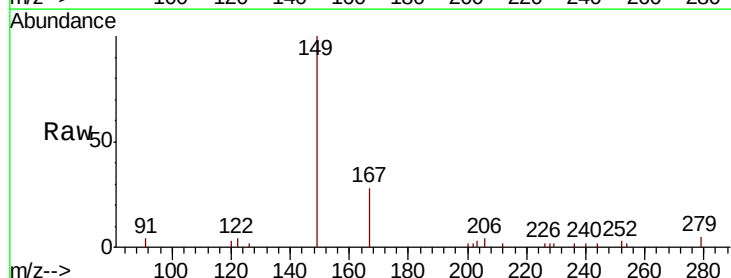
Tgt Ion:149 Resp: 2943

Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

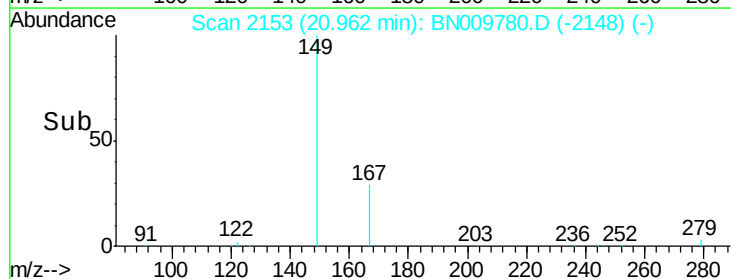
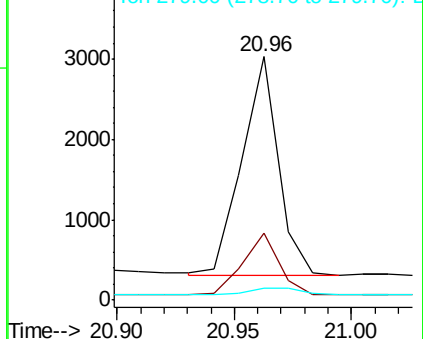
279 4.2 3.1 4.7

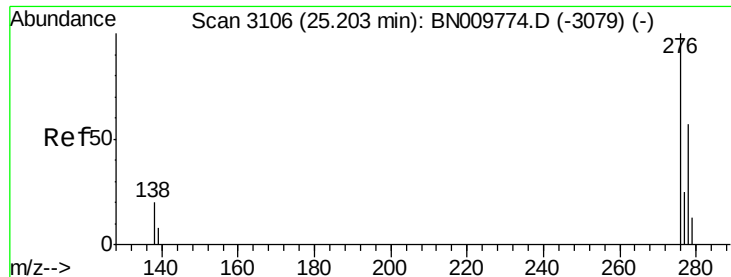


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

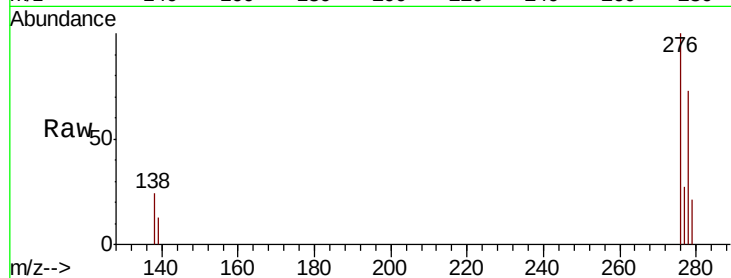




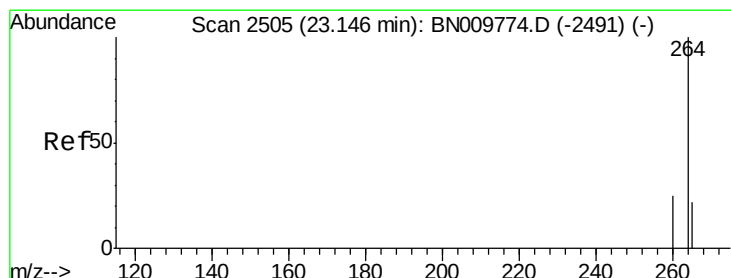
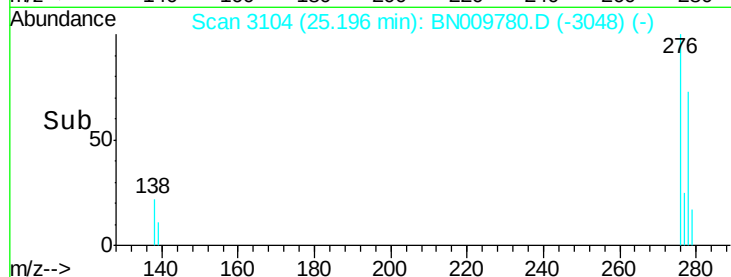
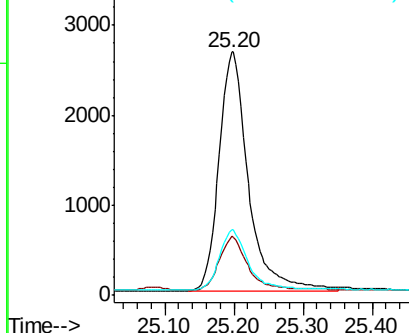
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 25.20 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN009780.D
 Acq: 19 Feb 2020 16:46

Instrument :
 BNA_N
 ClientSampleId :
 PB126695BS

Tot Ion:276 Resp: 7834
 Ion Ratio Lower Upper
 276 100
 138 20.3 15.8 23.6
 277 23.8 19.3 28.9

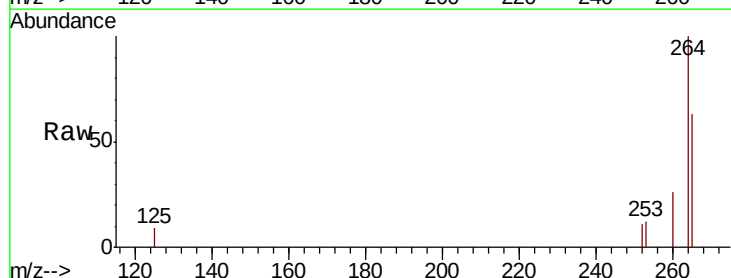


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

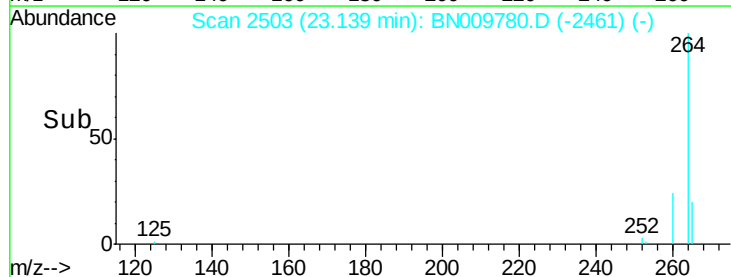
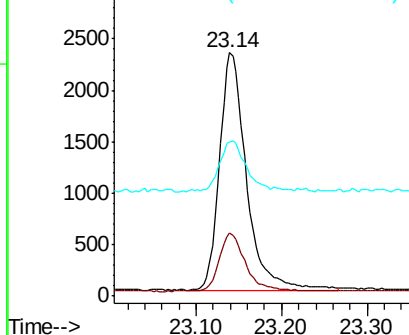


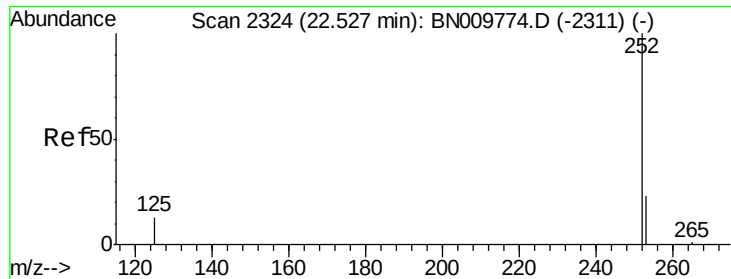
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BN009780.D
 Acq: 19 Feb 2020 16:46

Tgt Ion:264 Resp: 5044
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.1 31.7
 265 63.5 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

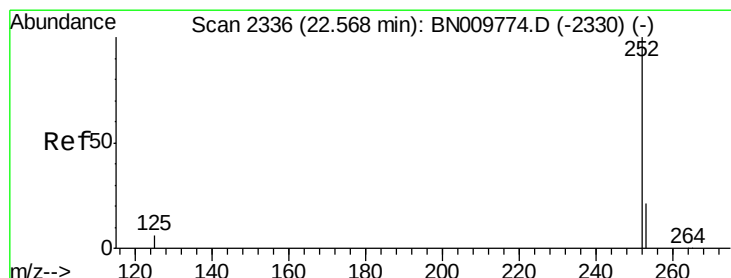
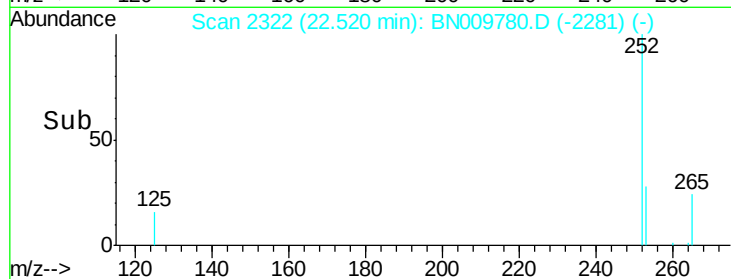
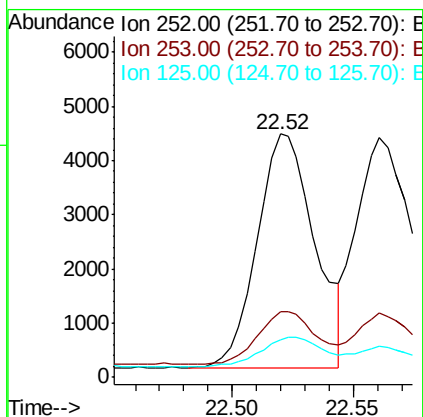
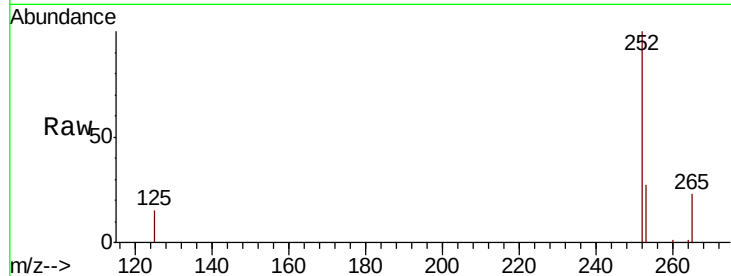




#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BN009780.D
Acq: 19 Feb 2020 16:46

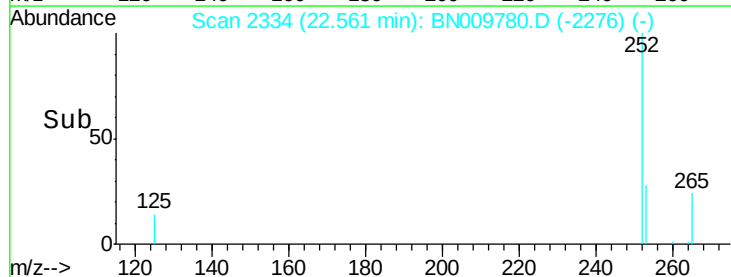
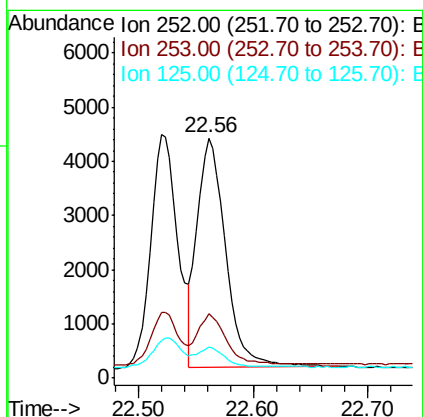
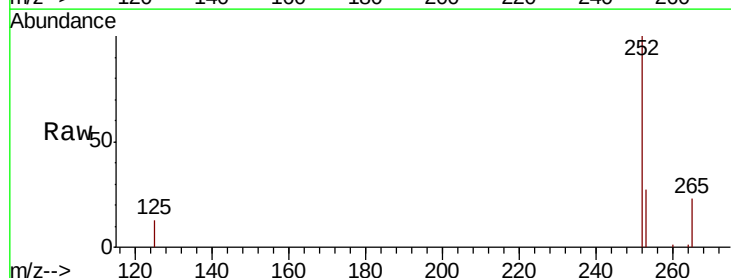
Instrument :
BNA_N
ClientSampleId :
PB126695BS

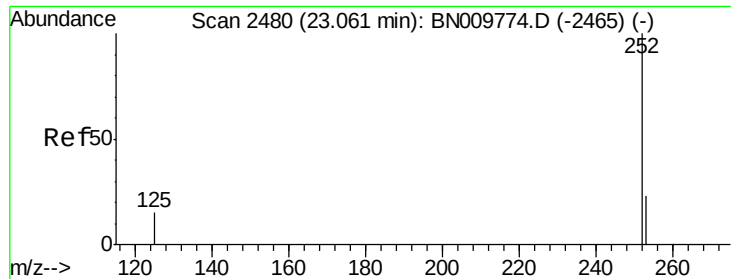
Tot Ion:252 Resp: 7151
Ion Ratio Lower Upper
252 100
253 26.8 23.0 34.6
125 15.2 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.56 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BN009780.D
Acq: 19 Feb 2020 16:46

Tgt Ion:252 Resp: 7234
Ion Ratio Lower Upper
252 100
253 26.9 22.2 33.2
125 13.2 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.05 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

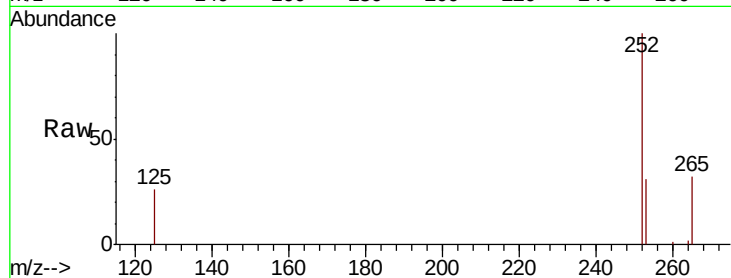
Tot Ion:252 Resp: 6582

Ion Ratio Lower Upper

252 100

253 31.4 25.3 37.9

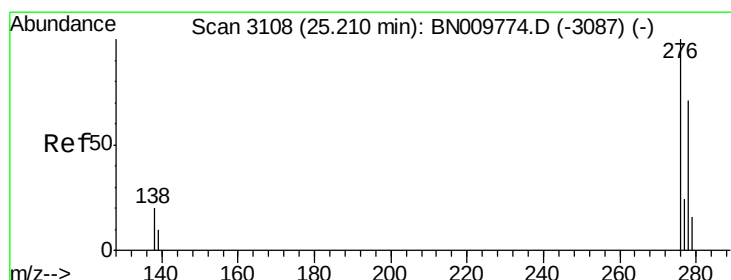
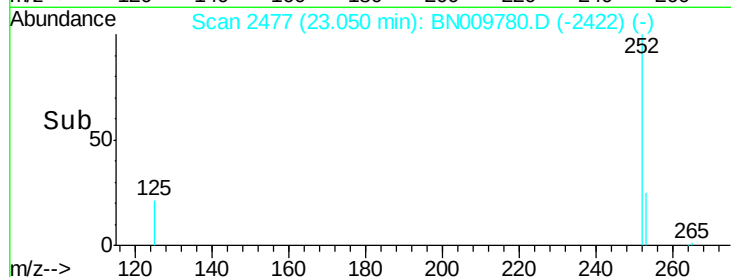
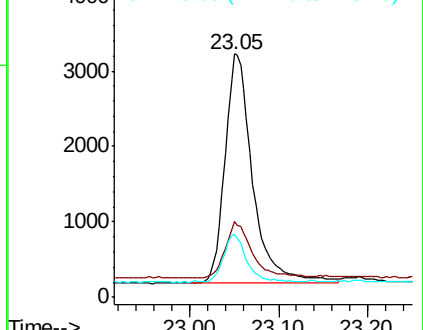
125 26.1 17.7 26.5



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: 0.384 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

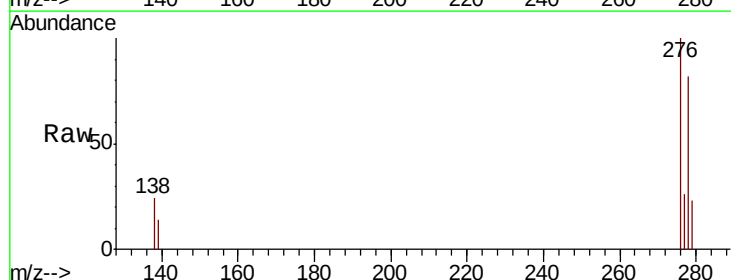
Tgt Ion:278 Resp: 6367

Ion Ratio Lower Upper

278 100

139 16.9 14.5 21.7

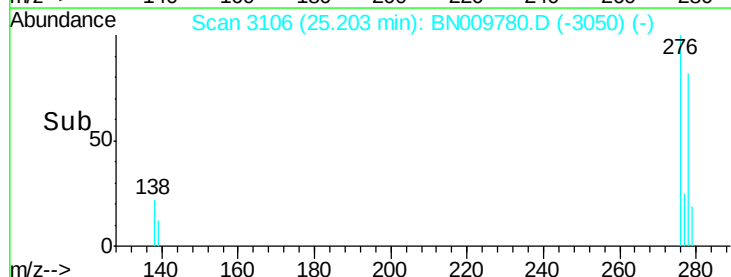
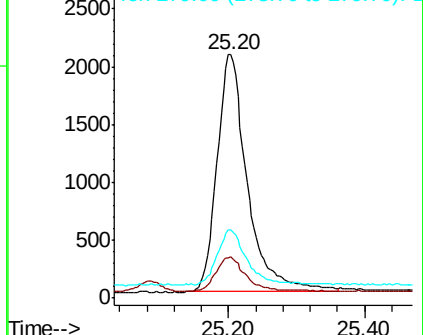
279 27.8 24.3 36.5

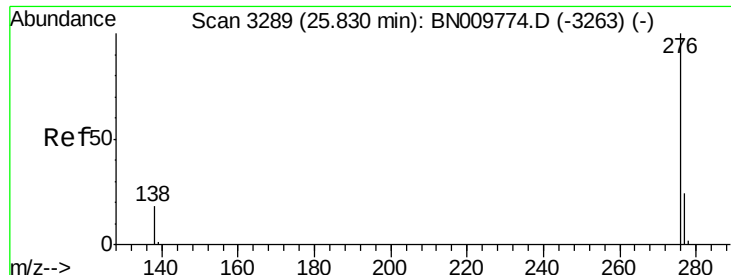


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.375 ng

RT: 25.82 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BN009780.D

Acq: 19 Feb 2020 16:46

Instrument :

BNA_N

ClientSampleId :

PB126695BS

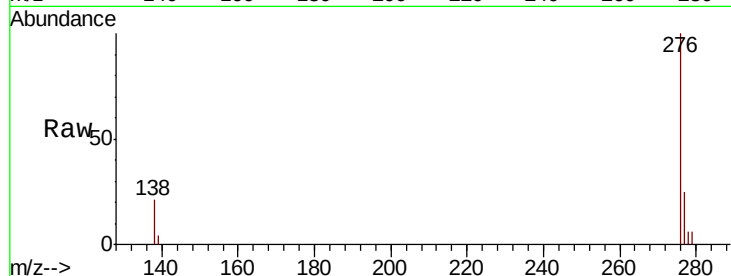
Tot Ion:276 Resp: 6625

Ion Ratio Lower Upper

276 100

277 25.3 21.4 32.0

138 20.7 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

