

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009805.D
 Acq On : 21 Feb 2020 13:21
 Operator : CG/JU
 Sample : PB126764BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126764BS

Quant Time: Feb 21 16:37:27 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	1122	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	3805	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	2490	0.40	ng	-0.02
19) Phenanthrene-d10	16.80	188	5598	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	4995	0.40	ng	-0.02
34) Perylene-d12	23.13	264	5371	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1045	0.42	ng	-0.02
5) Phenol-d6	6.62	99	1109	0.37	ng	-0.02
8) Nitrobenzene-d5	8.57	82	1099	0.35	ng	-0.03
11) 2-Methylnaphthalene-d10	11.76	152	2824	0.38	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	378	0.39	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	3571	0.38	ng	-0.02
25) Fluoranthene-d10	18.84	212	7159	0.37	ng	-0.02
29) Terphenyl-d14	19.46	244	4556	0.38	ng	-0.02

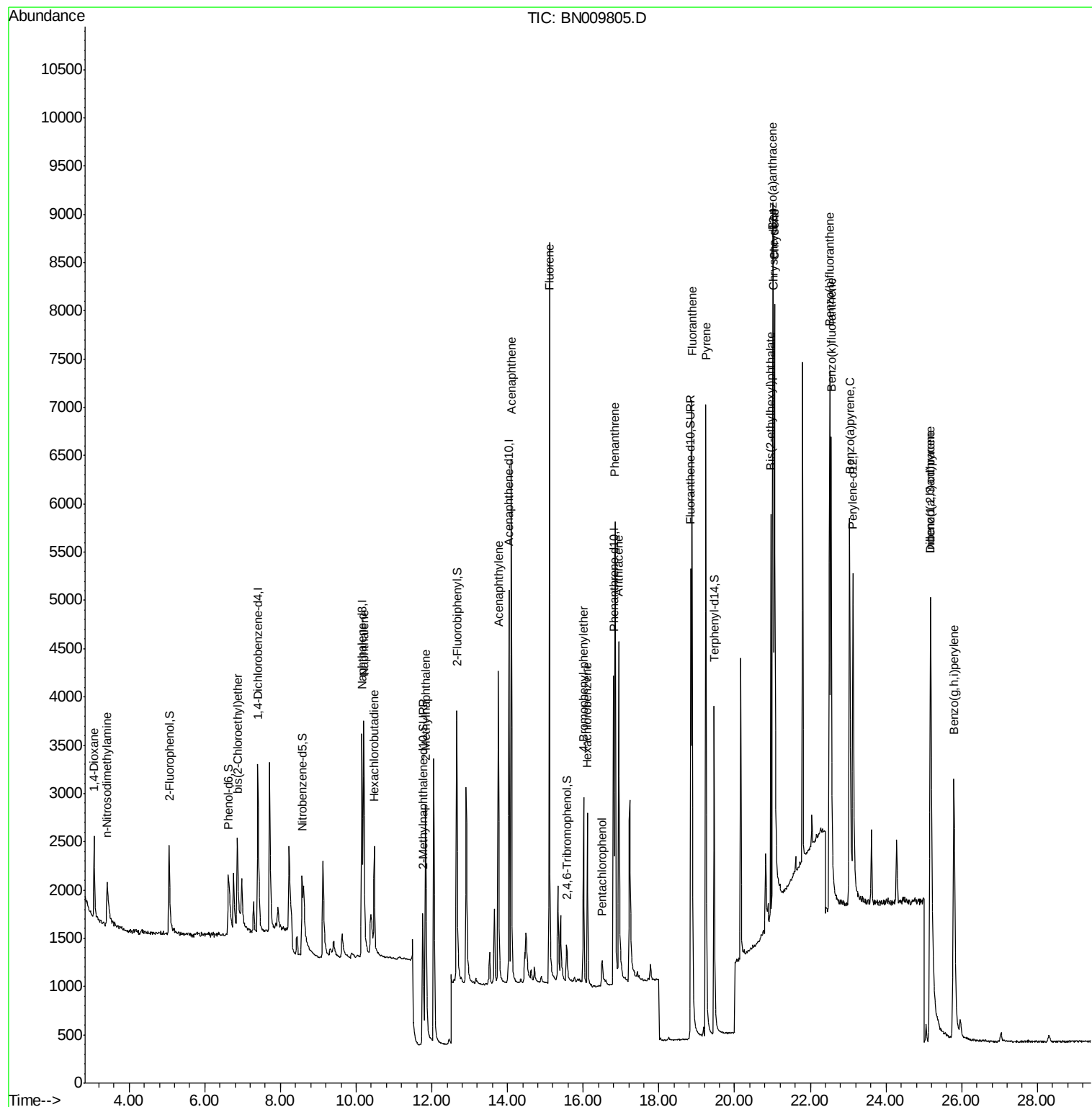
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	466	0.406	ng	97
3) n-Nitrosodimethylamine	3.42	42	751	0.398	ng	93
6) bis(2-Chloroethyl)ether	6.86	93	984	0.333	ng	88
9) Naphthalene	10.20	128	3987	0.384	ng	99
10) Hexachlorobutadiene	10.48	225	879	0.385	ng	# 95
12) 2-Methylnaphthalene	11.84	142	2788	0.392	ng	99
16) Acenaphthylene	13.76	152	3981	0.375	ng	99
17) Acenaphthene	14.10	154	2867	0.384	ng	99
18) Fluorene	15.10	166	3732	0.379	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	938	0.187	ng	# 88
21) Hexachlorobenzene	16.11	284	1369	0.393	ng	99
22) Pentachlorophenol	16.50	266	323	0.455	ng	100
23) Phenanthrene	16.84	178	6200	0.372	ng	99
24) Anthracene	16.94	178	5101	0.362	ng	99
26) Fluoranthene	18.87	202	7347	0.368	ng	99
28) Pyrene	19.24	202	7497	0.395	ng	100
30) Benzo(a)anthracene	21.00	228	6258	0.378	ng	98
31) Chrysene	21.06	228	6845	0.357	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3426	0.424	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	7630	0.382	ng	98
35) Benzo(b)fluoranthene	22.51	252	6786	0.346	ng	97
36) Benzo(k)fluoranthene	22.55	252	7685	0.359	ng	99
37) Benzo(a)pyrene	23.04	252	6720	0.375	ng	# 91
38) Dibenzo(a,h)anthracene	25.18	278	5953	0.337	ng	98
39) Benzo(g,h,i)perylene	25.79	276	6729	0.358	ng	98

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

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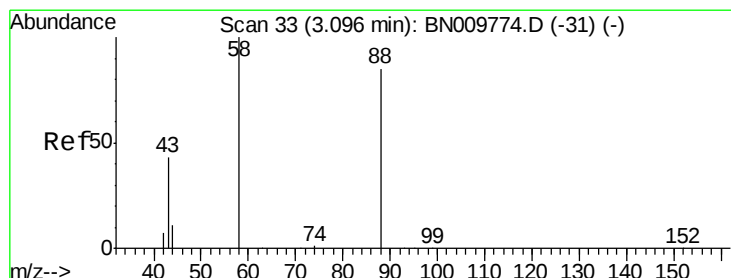
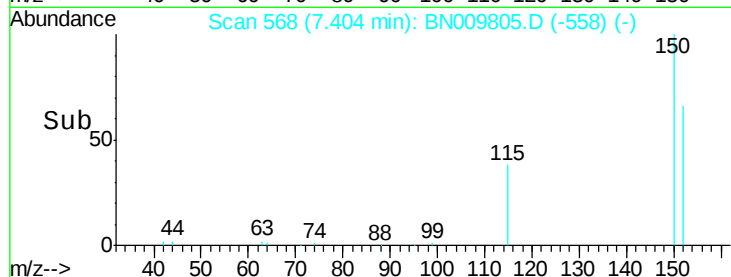
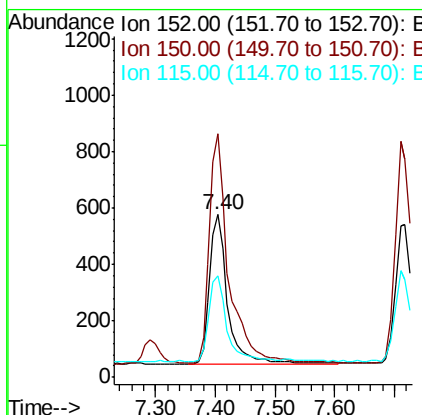
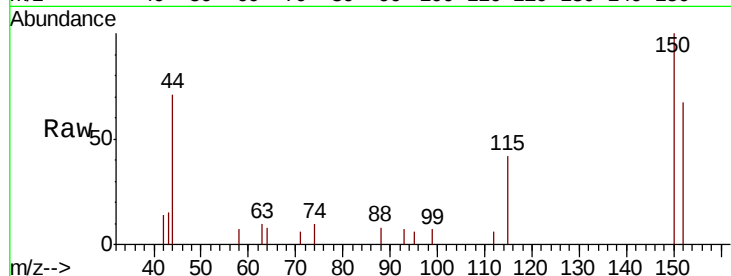


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :
PB126764BS

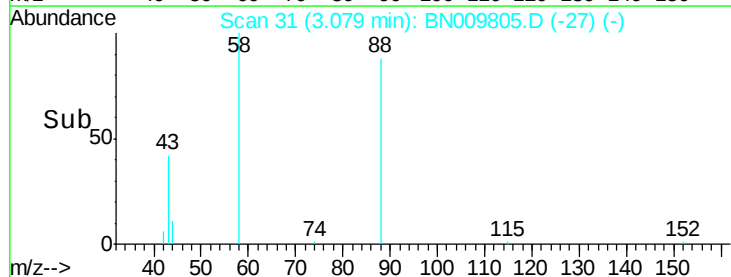
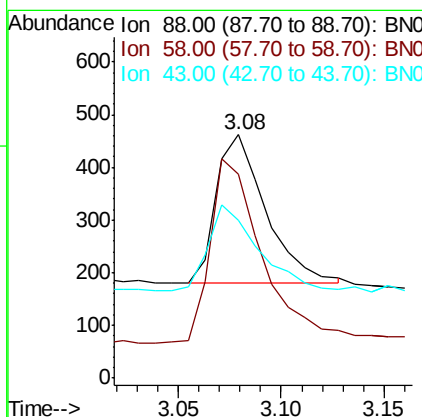
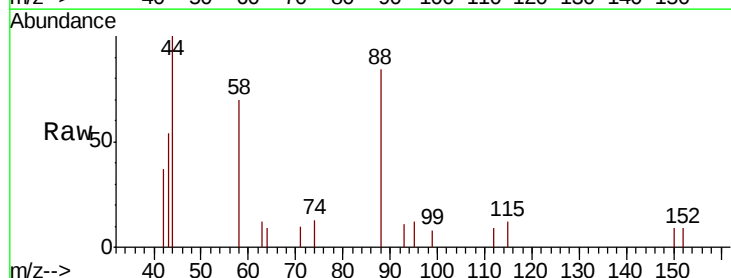
Tot Ion:152 Resp: 1122
Ion Ratio Lower Upper
152 100
150 149.6 120.6 181.0
115 62.7 51.2 76.8



#2

1,4-Dioxane
Concen: 0.406 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
58 126.4 97.8 146.8
43 54.5 45.1 67.7



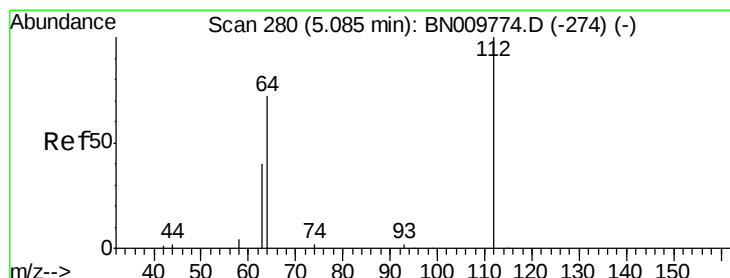
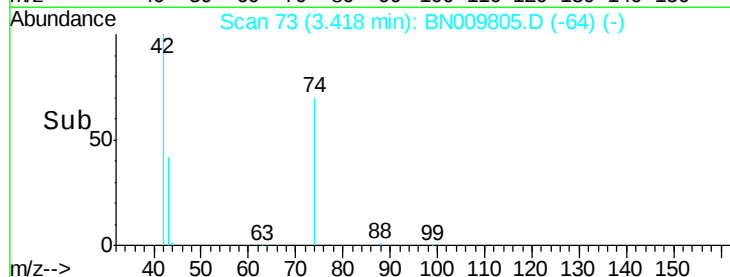
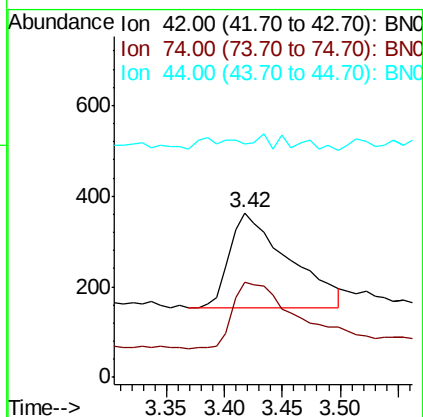
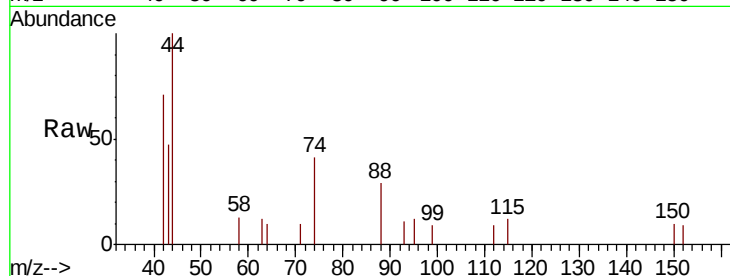


#3

n-Nitrosodimethylamine
 Concen: 0.398 ng
 RT: 3.42 min Scan# 73
 Delta R.T. -0.02 min
 Lab File: BN009805.D
 Acq: 21 Feb 2020 13:21

Instrument :
 BNA_N
 ClientSampleId :
 PB126764BS

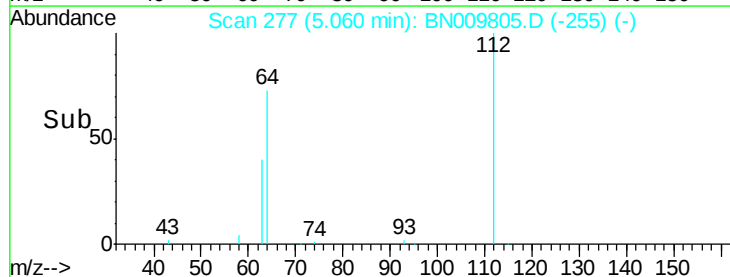
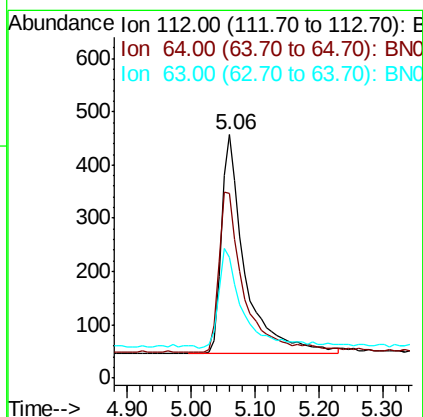
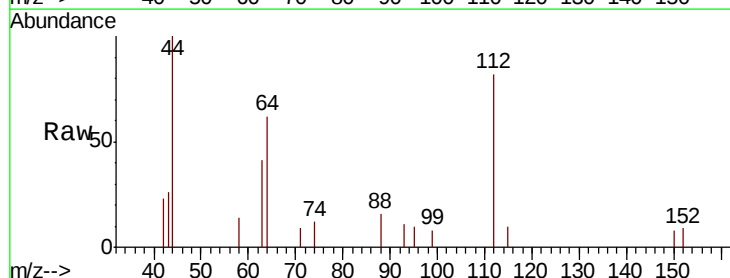
Tot Ion: 42 Resp: 751
 Ion Ratio Lower Upper
 42 100
 74 69.4 51.2 76.8
 44 3.1 2.6 4.0

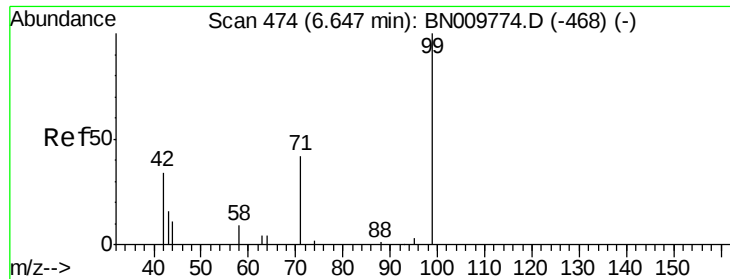


#4

2-Fluorophenol
 Concen: 0.419 ng
 RT: 5.06 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BN009805.D
 Acq: 21 Feb 2020 13:21

Tgt Ion: 112 Resp: 1045
 Ion Ratio Lower Upper
 112 100
 64 78.8 65.8 98.6
 63 46.3 38.7 58.1





#5

Phenol-d6

Concen: 0.365 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

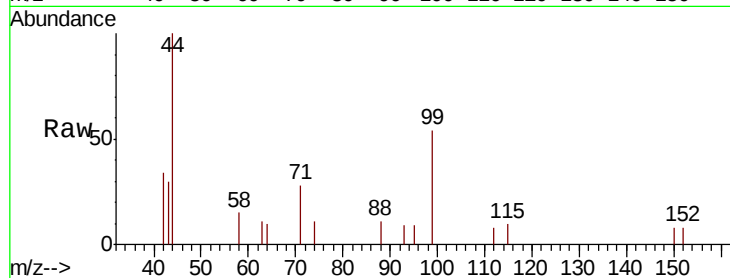
Tot Ion: 99 Resp: 1109

Ion Ratio Lower Upper

99 100

42 37.1 30.8 46.2

71 40.1 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) (-)

6.62

400

300

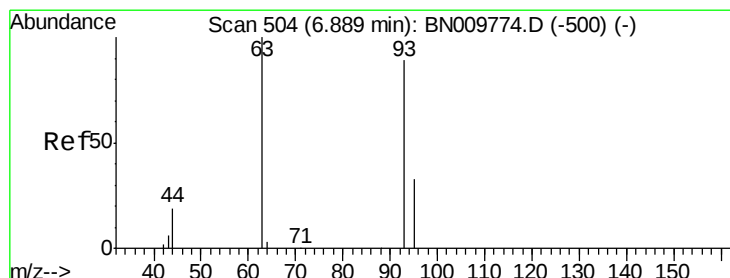
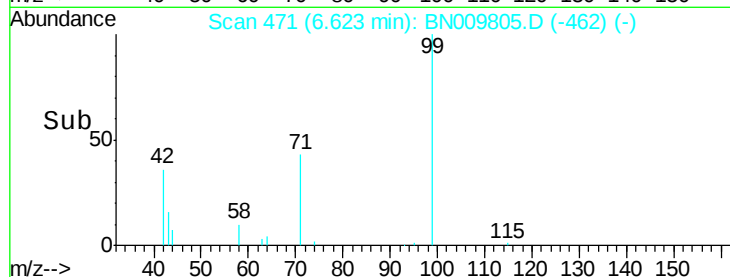
200

100

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

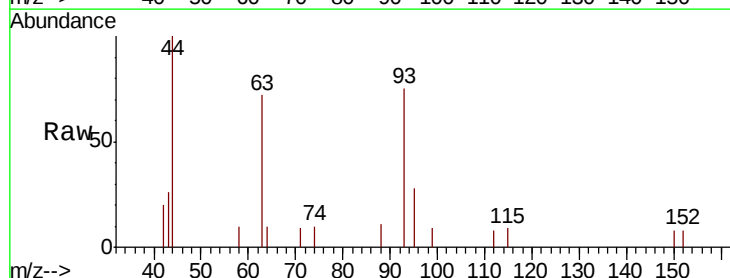
Tgt Ion: 93 Resp: 984

Ion Ratio Lower Upper

93 100

63 105.2 74.0 111.0

95 38.0 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) (-)

6.86

600

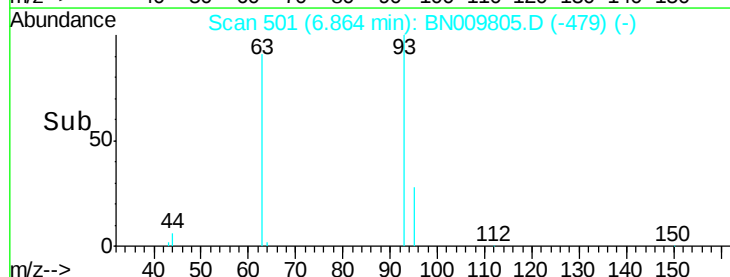
400

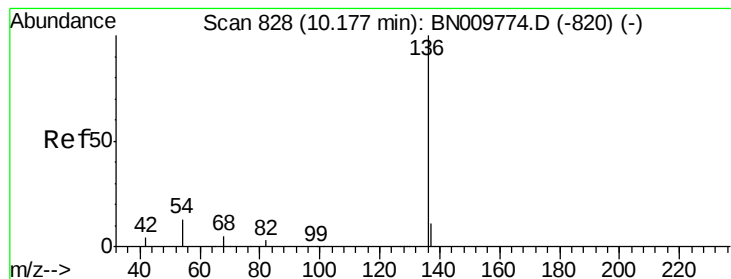
200

0

6.80 6.85 6.90 6.95 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

Tot Ion:136 Resp: 3805

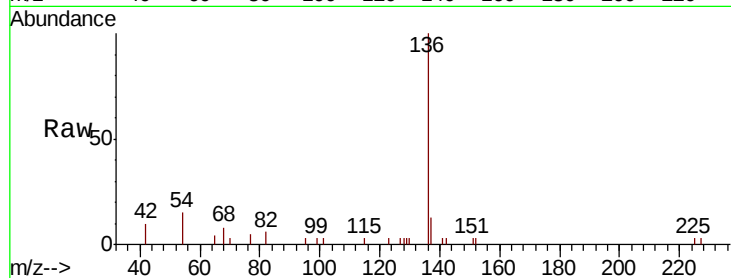
Ion Ratio Lower Upper

136 100

137 13.4 11.3 16.9

54 15.4 13.4 20.2

68 8.5 7.0 10.4

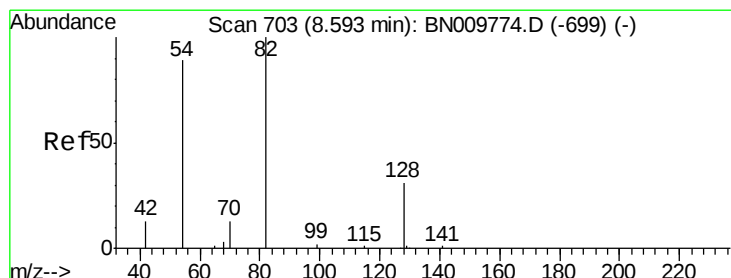
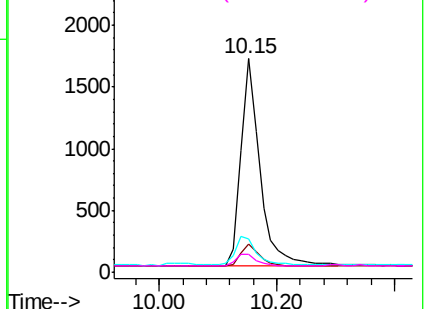
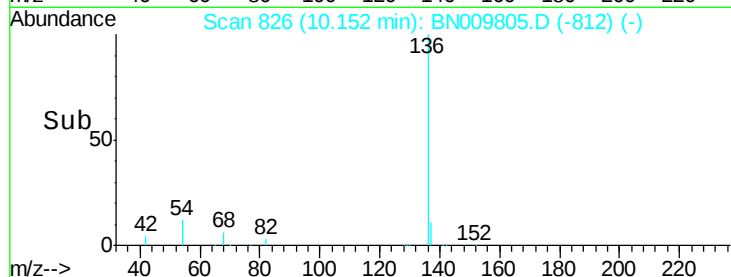


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

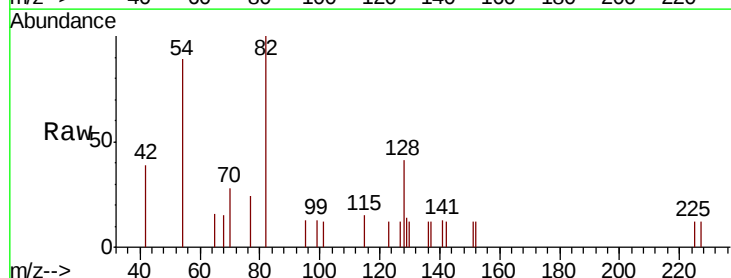
Tgt Ion: 82 Resp: 1099

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

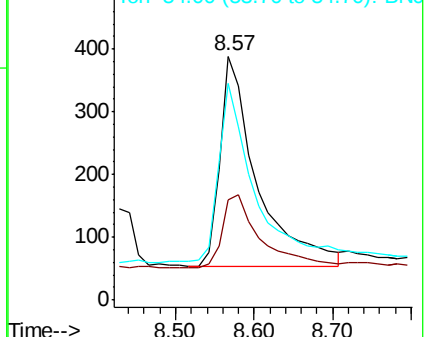
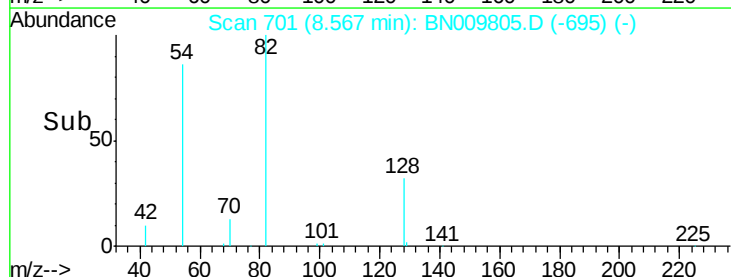
54 89.2 73.5 110.3

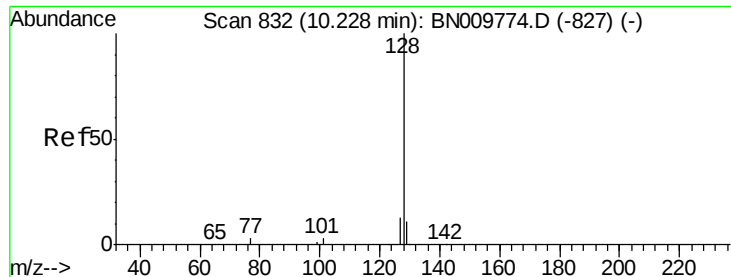


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.384 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

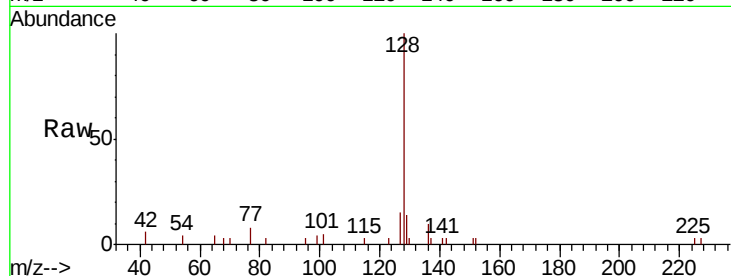
Tot Ion:128 Resp: 3987

Ion Ratio Lower Upper

128 100

129 13.6 11.1 16.7

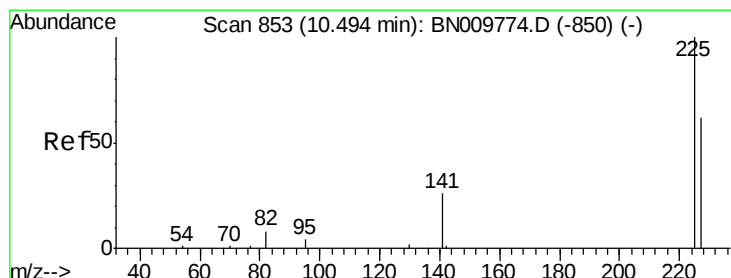
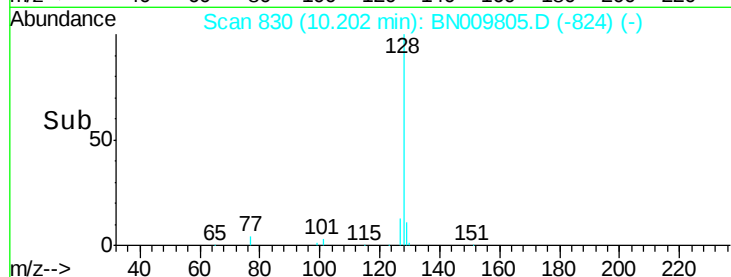
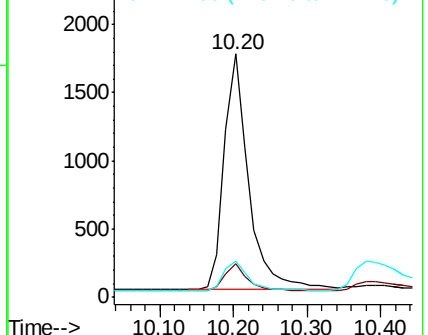
127 15.1 12.6 19.0



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: 0.385 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

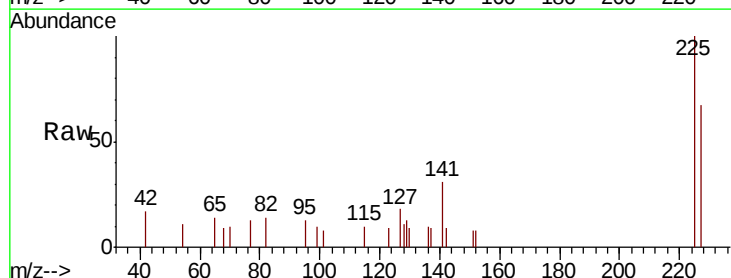
Tgt Ion:225 Resp: 879

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

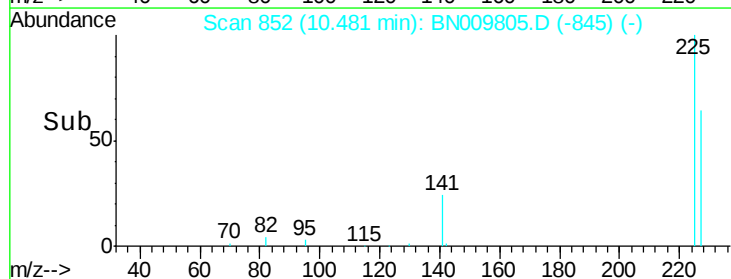
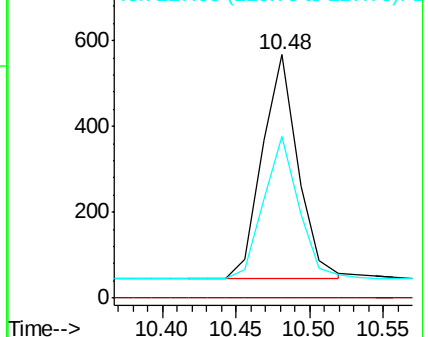
227 63.0 53.4 80.2



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: 0.384 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

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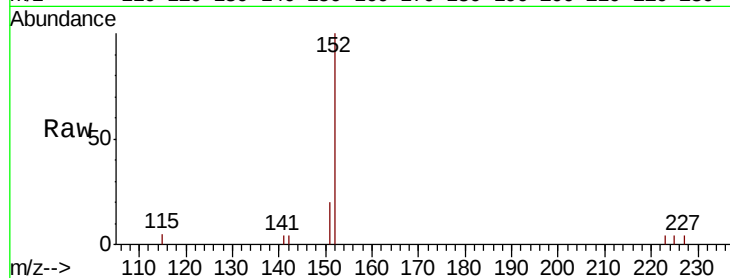
PB126764BS

Tot Ion:152 Resp: 2824

Ion Ratio Lower Upper

152 100

151 18.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

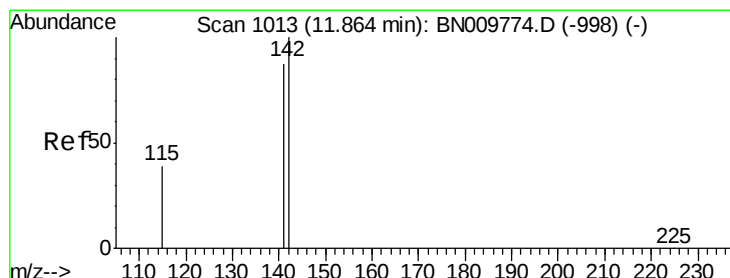
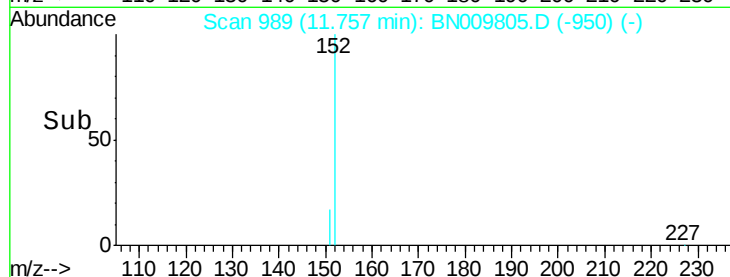
11.76

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.392 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

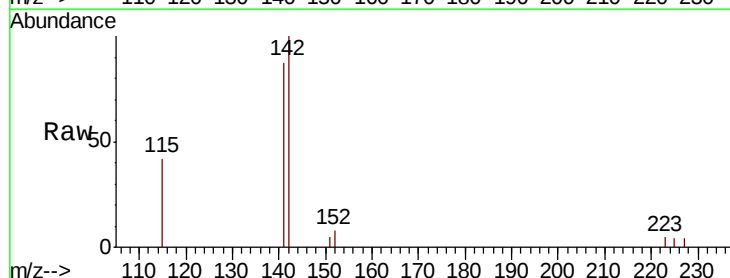
Tgt Ion:142 Resp: 2788

Ion Ratio Lower Upper

142 100

141 87.4 69.8 104.6

115 41.7 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

11.84

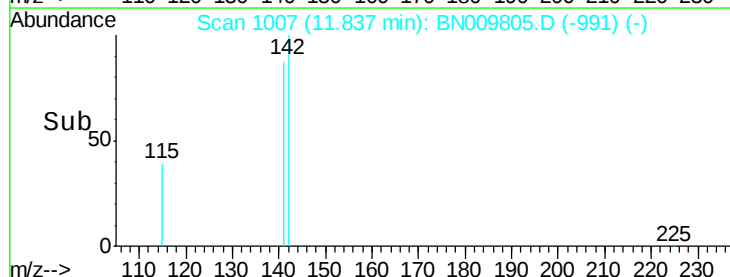
1500

1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

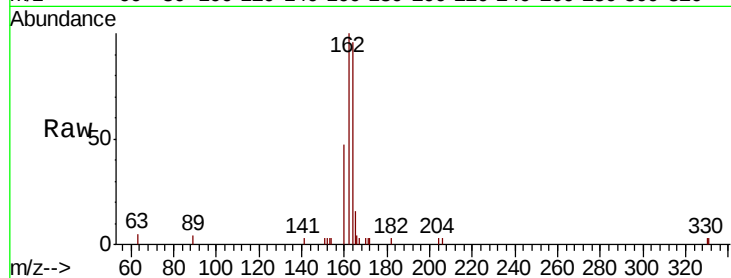
Tot Ion:164 Resp: 2490

Ion Ratio Lower Upper

164 100

162 104.1 79.9 119.9

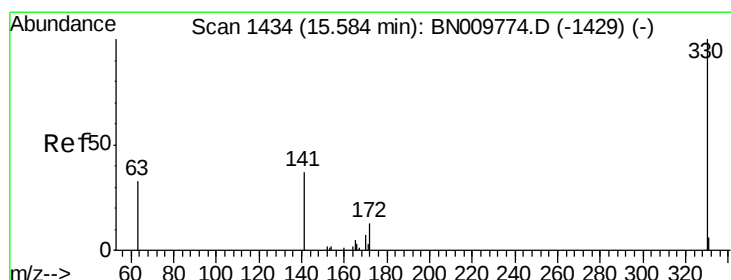
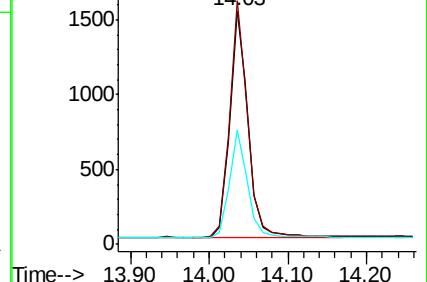
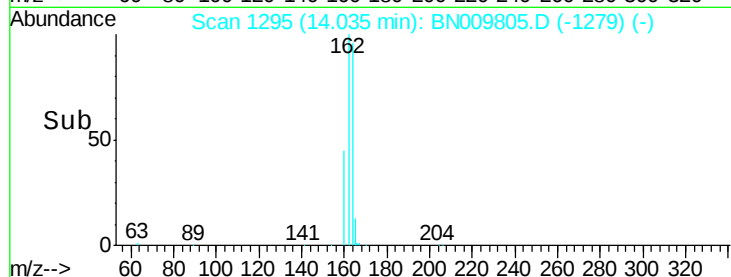
160 48.7 38.2 57.2



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: 0.394 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

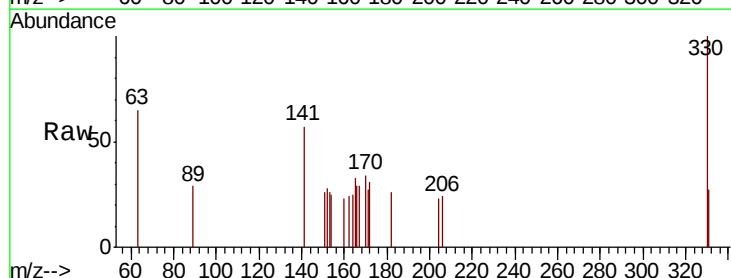
Tgt Ion:330 Resp: 378

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

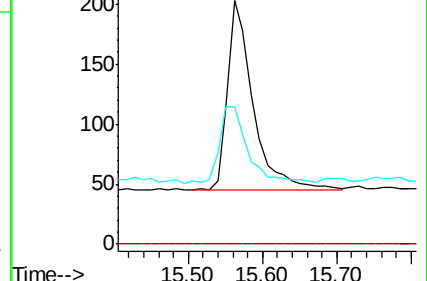
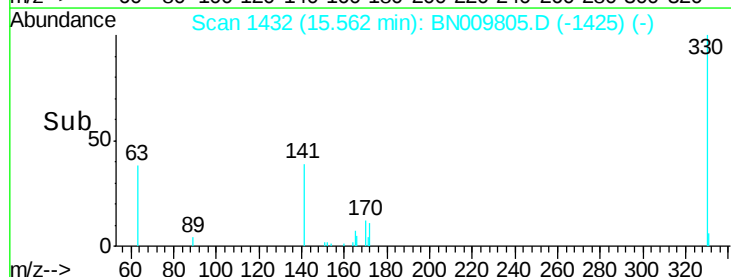
141 45.0 36.8 55.2

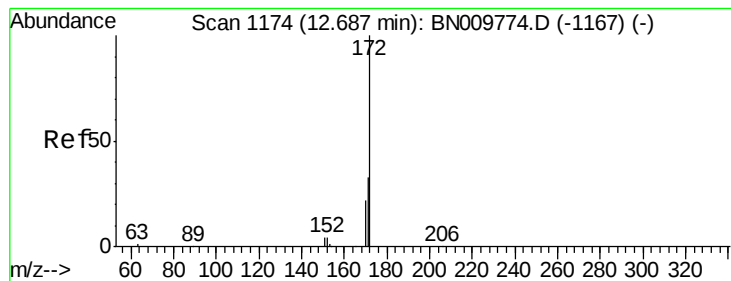


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 12.66 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

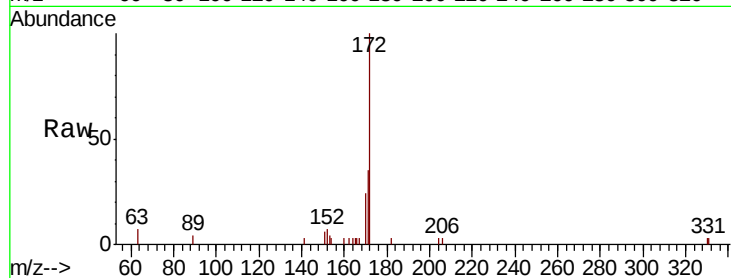
Tot Ion:172 Resp: 3571

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

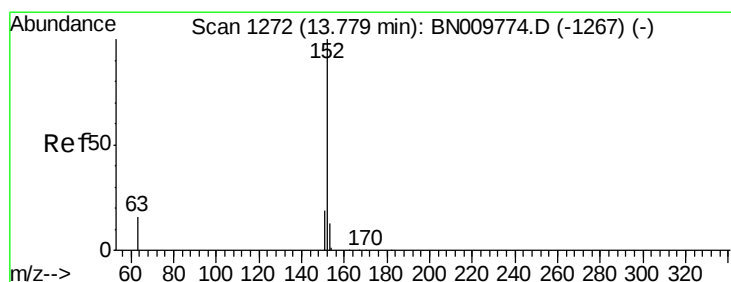
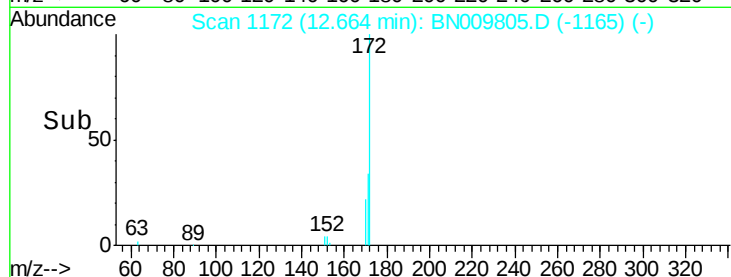
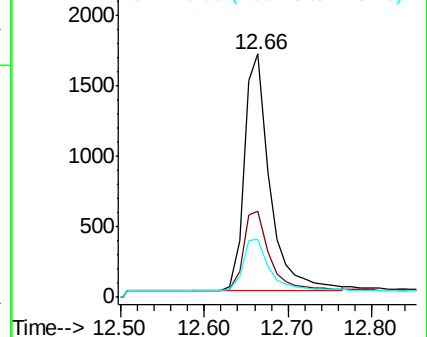
170 24.0 20.1 30.1



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: 0.375 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

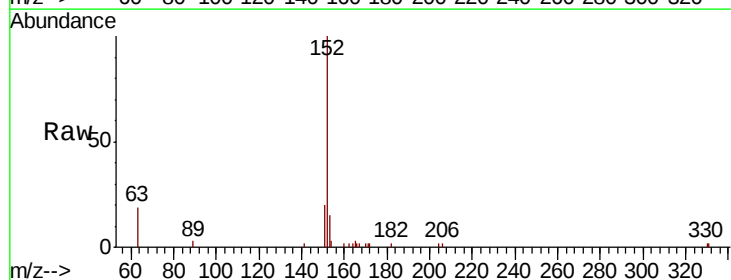
Tgt Ion:152 Resp: 3981

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

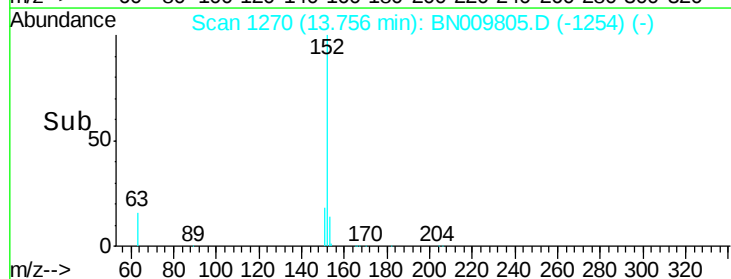
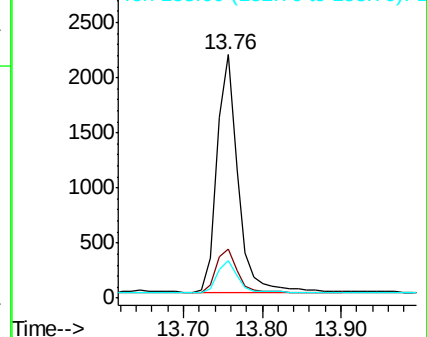
153 13.7 10.2 15.4

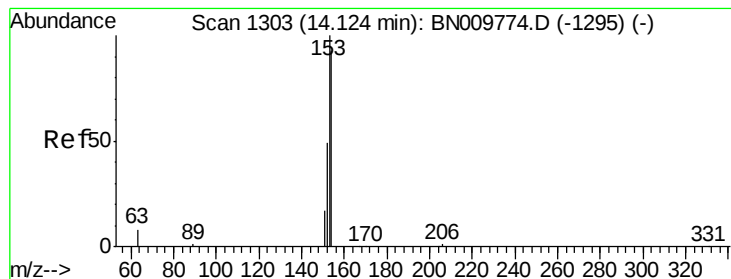


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

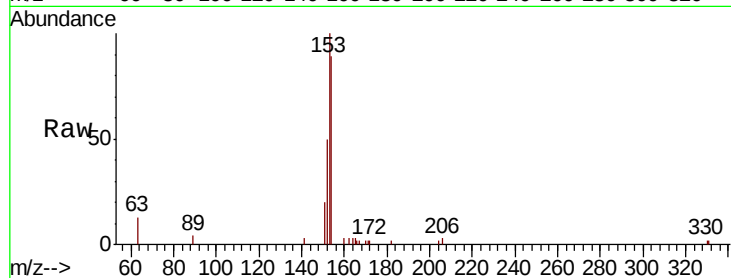
Tot Ion:154 Resp: 2867

Ion Ratio Lower Upper

154 100

153 111.6 88.9 133.3

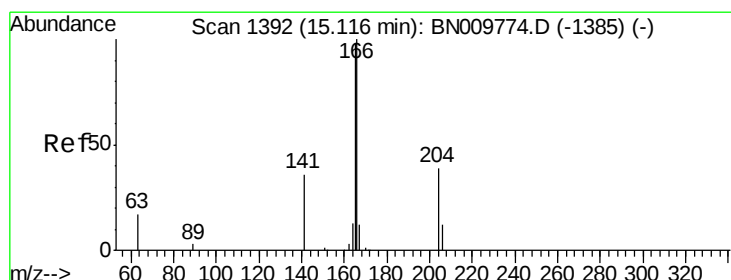
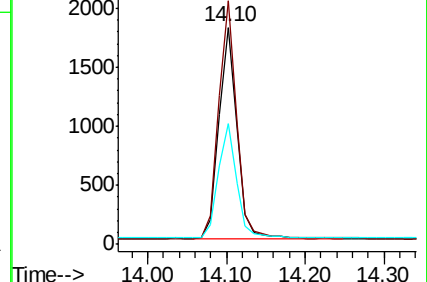
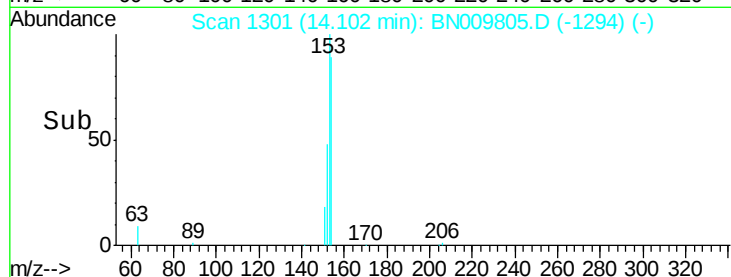
152 55.9 44.2 66.2



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: 0.379 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

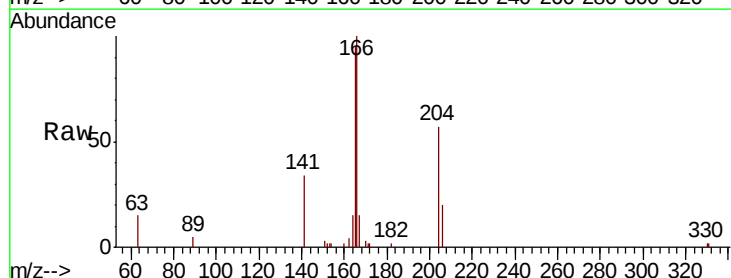
Tgt Ion:166 Resp: 3732

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

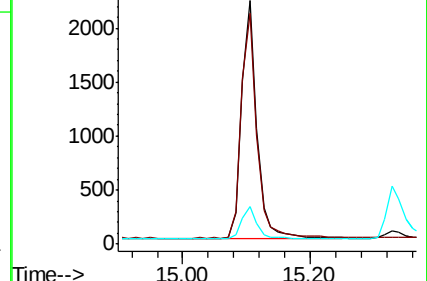
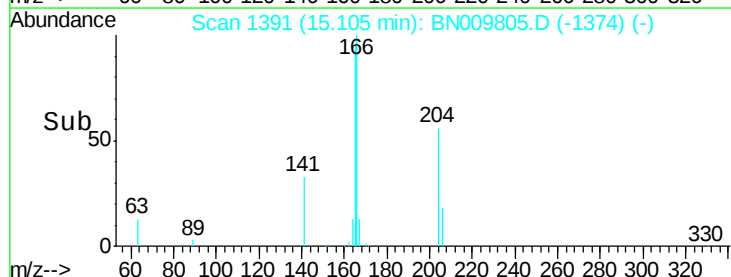
167 13.5 10.5 15.7



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: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

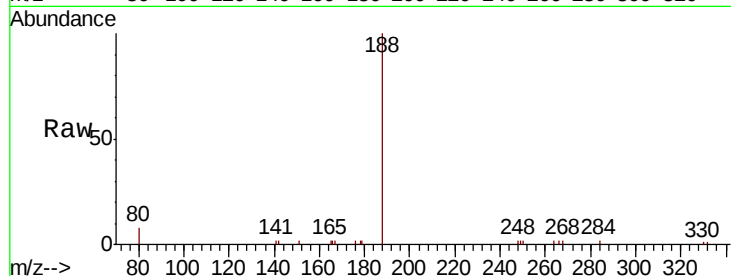
Tot Ion:188 Resp: 5598

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

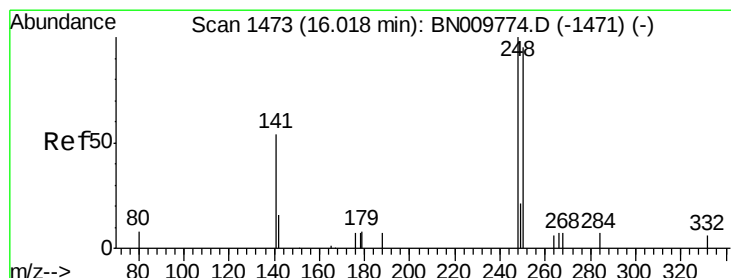
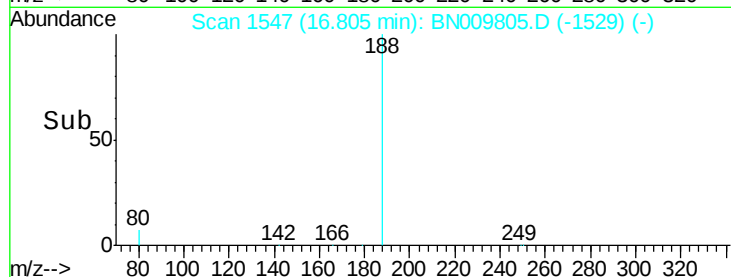
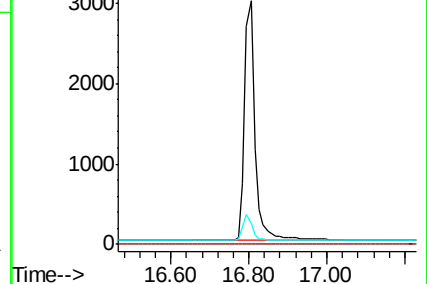
80 8.4 8.3 12.5



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: 0.187 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

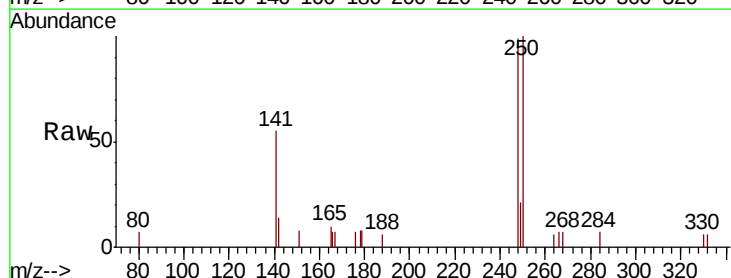
Tgt Ion:248 Resp: 938

Ion Ratio Lower Upper

248 100

250 100.8 76.2 114.4

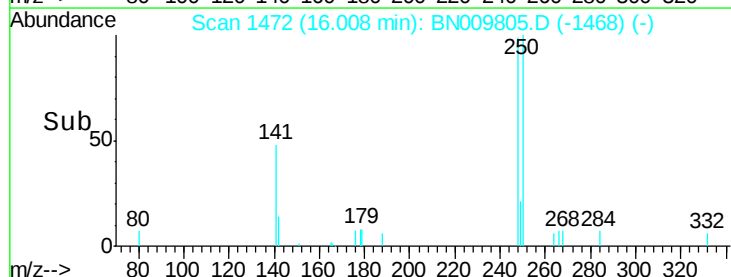
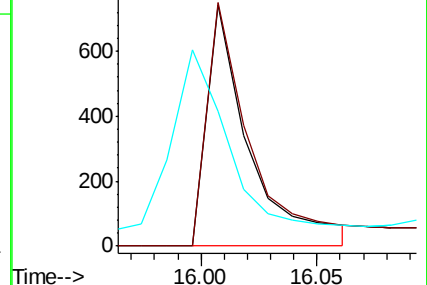
141 55.9 57.8 86.6#

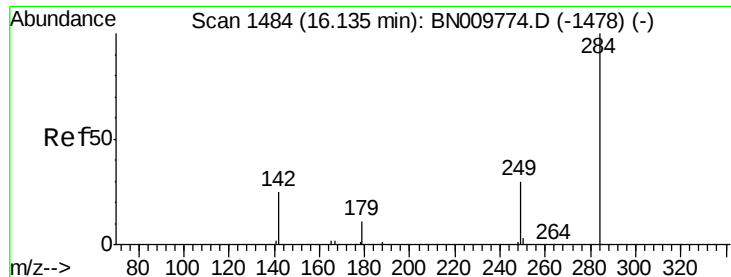


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

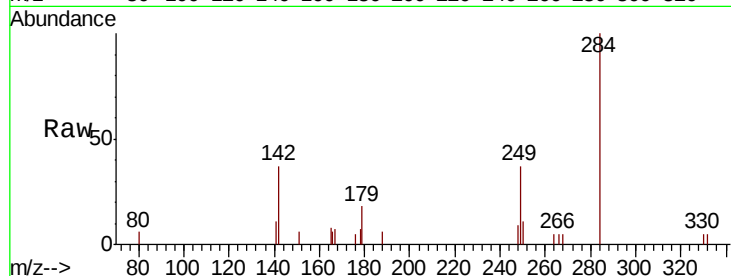
Tot Ion:284 Resp: 1369

Ion Ratio Lower Upper

284 100

142 40.8 33.3 49.9

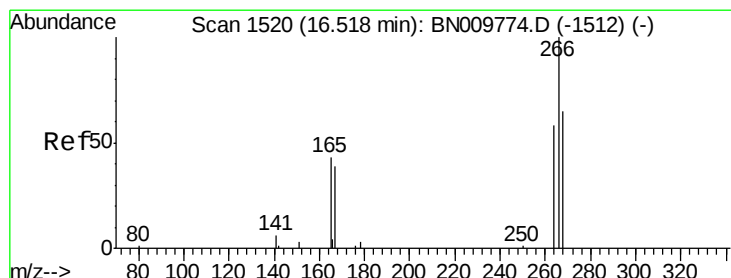
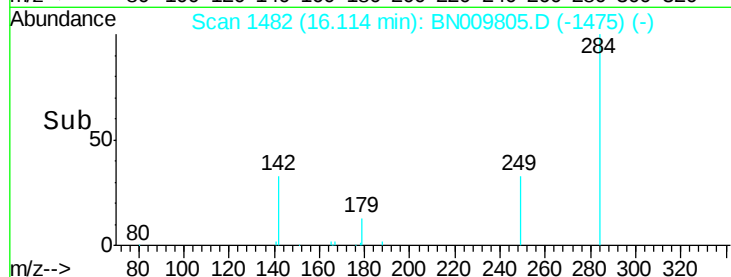
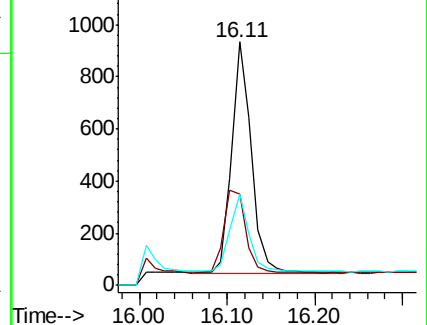
249 31.6 25.7 38.5



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: 0.455 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

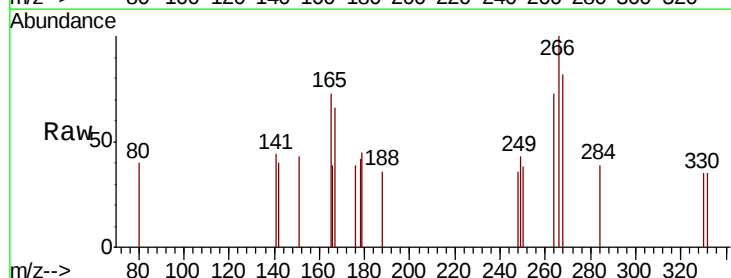
Tgt Ion:266 Resp: 323

Ion Ratio Lower Upper

266 100

264 72.9 58.1 87.1

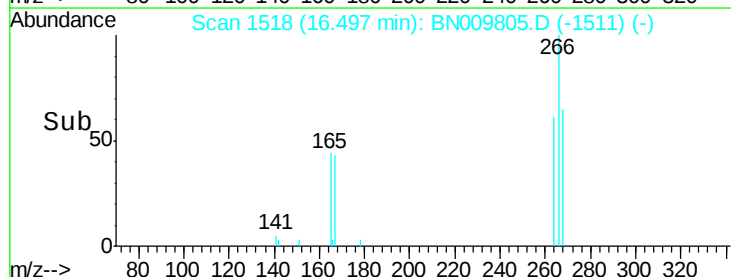
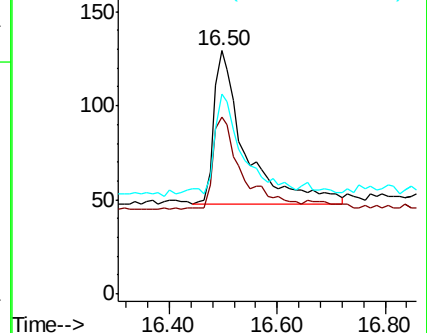
268 82.2 65.7 98.5

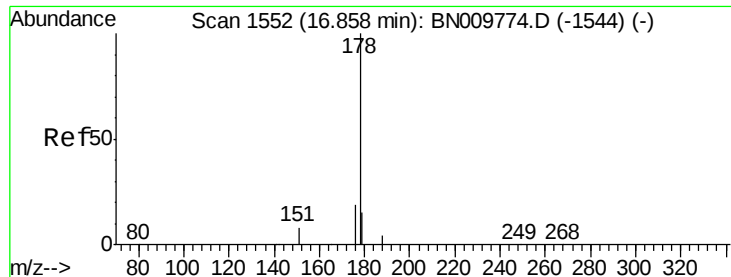


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.372 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

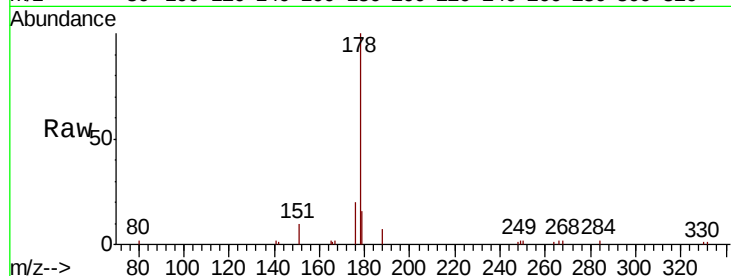
Tot Ion:178 Resp: 6200

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

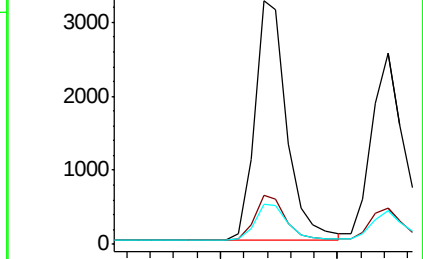
179 15.3 12.4 18.6



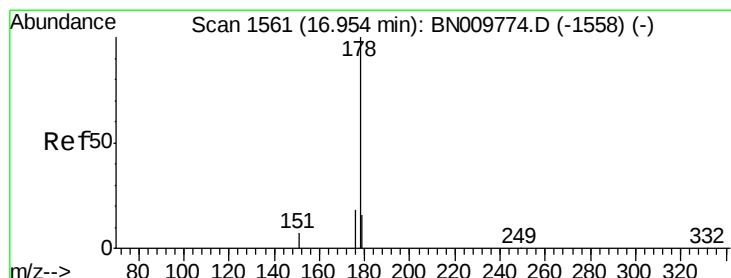
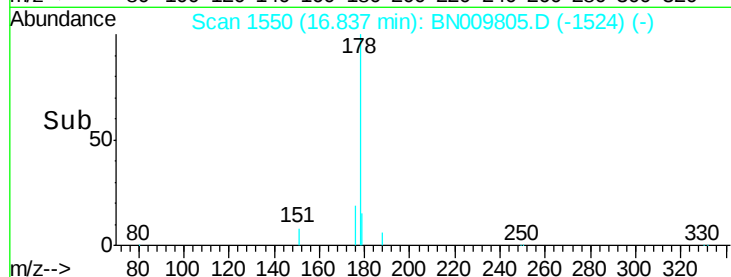
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.362 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

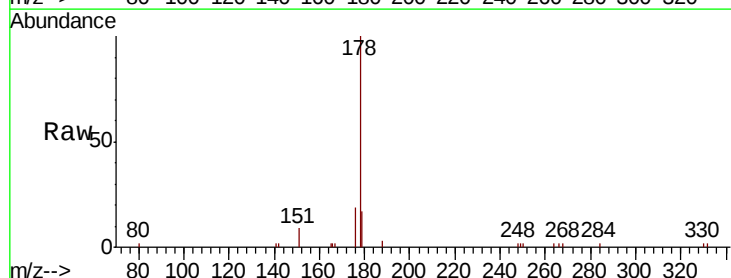
Tgt Ion:178 Resp: 5101

Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

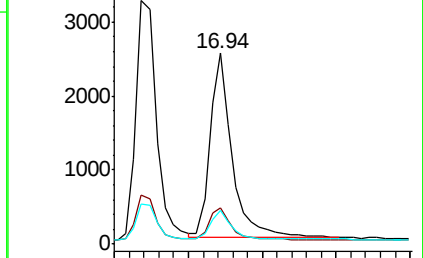
179 15.1 12.4 18.6



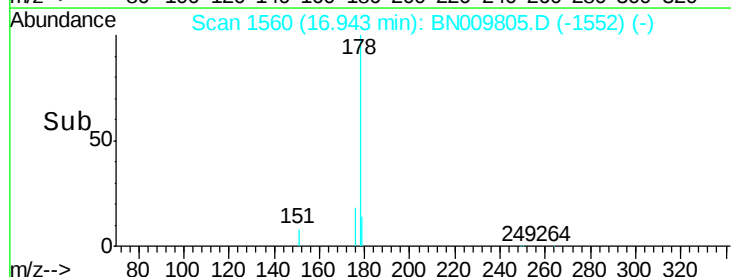
Abundance Ion 178.00 (177.70 to 178.70): E

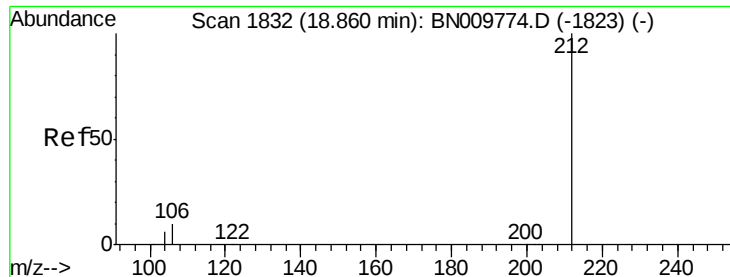
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

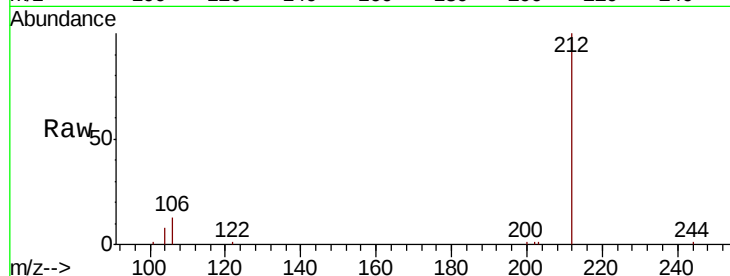
Tot Ion:212 Resp: 7159

Ion Ratio Lower Upper

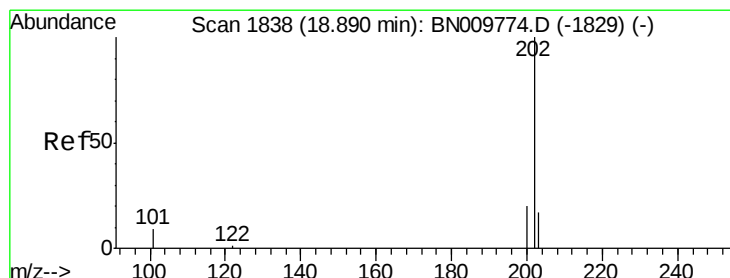
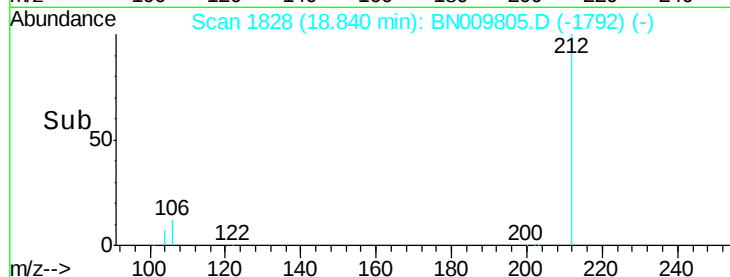
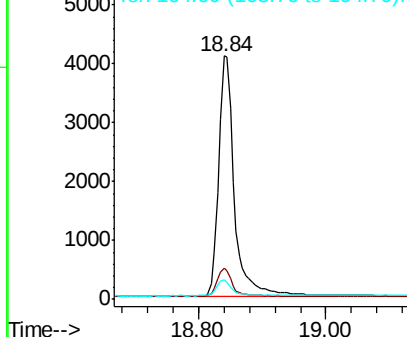
212 100

106 11.4 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: 0.368 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

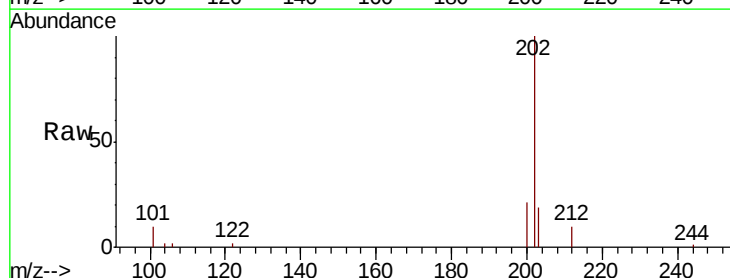
Tgt Ion:202 Resp: 7347

Ion Ratio Lower Upper

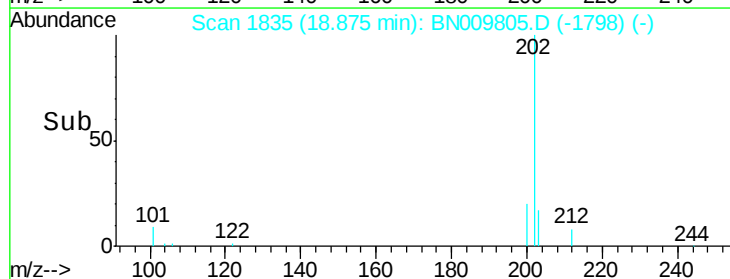
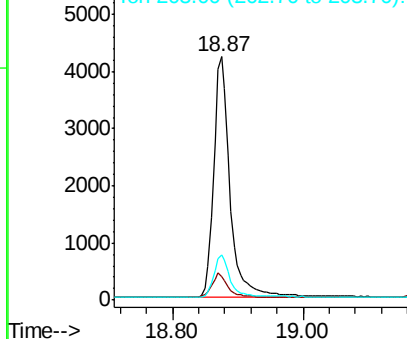
202 100

101 9.5 7.1 10.7

203 17.2 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# 2158

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

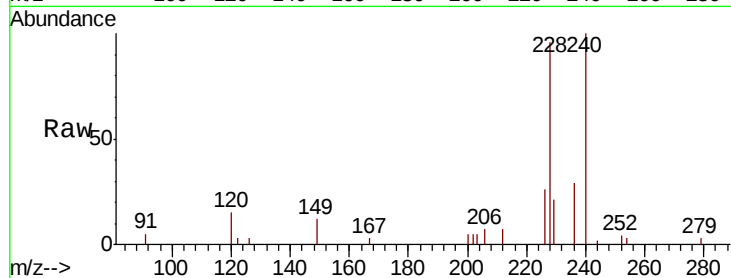
Tot Ion:240 Resp: 4995

Ion Ratio Lower Upper

240 100

120 14.7 7.9 11.9#

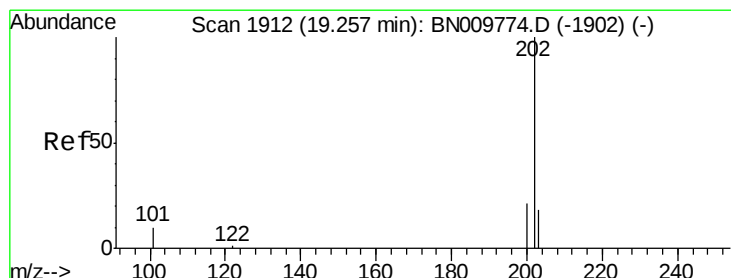
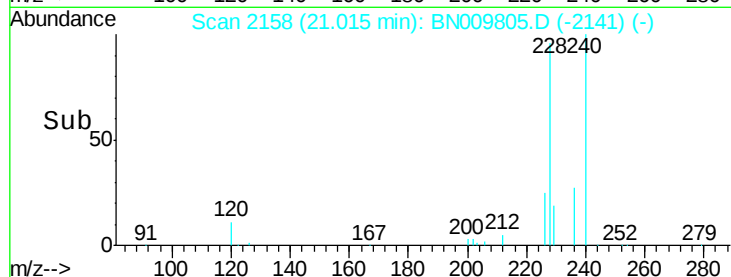
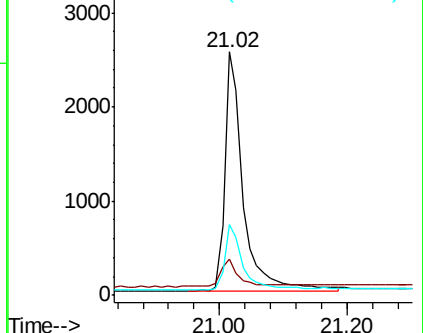
236 29.0 22.0 33.0



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# 1909

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

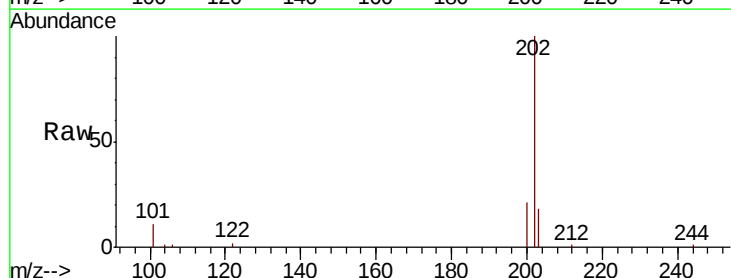
Tgt Ion:202 Resp: 7497

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

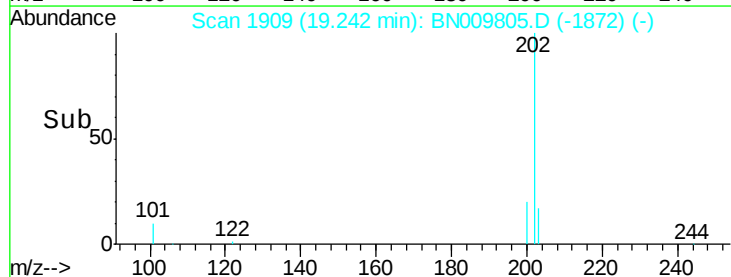
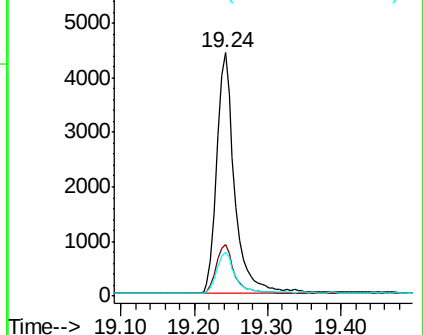
203 17.1 13.9 20.9

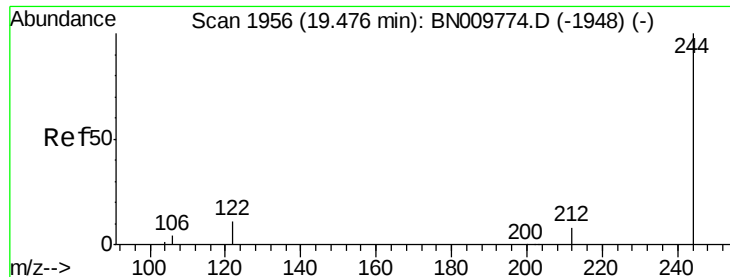


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.382 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

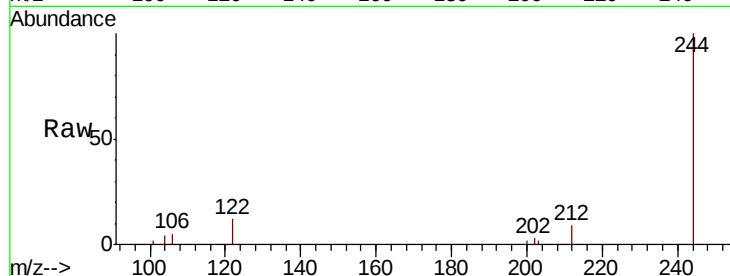
Tot Ion:244 Resp: 4556

Ion Ratio Lower Upper

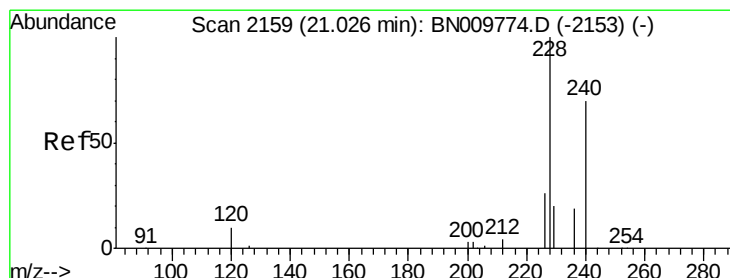
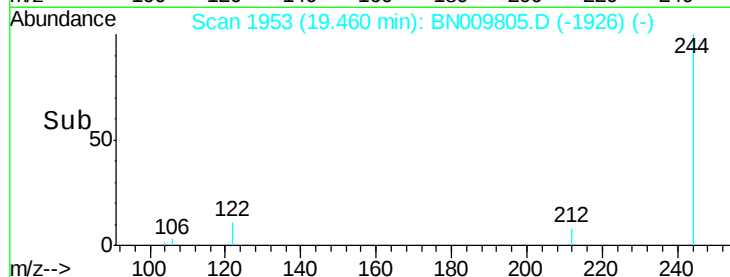
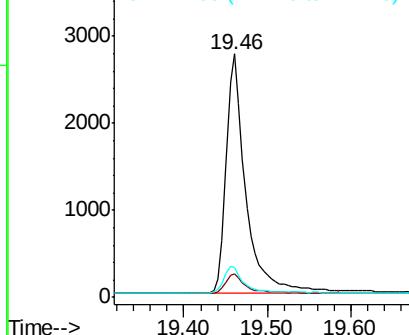
244 100

212 9.4 8.0 12.0

122 12.2 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: 0.378 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

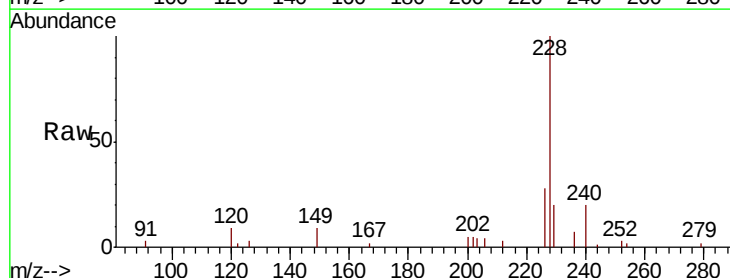
Tgt Ion:228 Resp: 6258

Ion Ratio Lower Upper

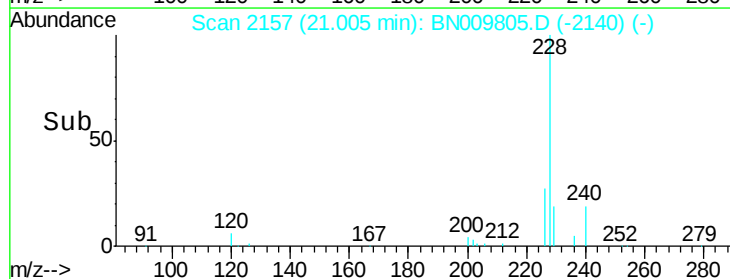
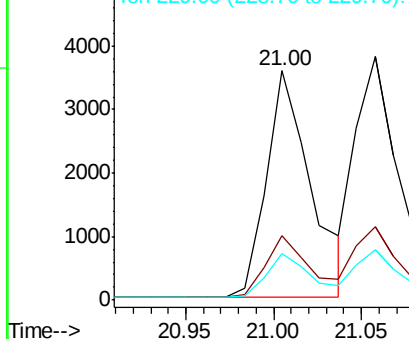
228 100

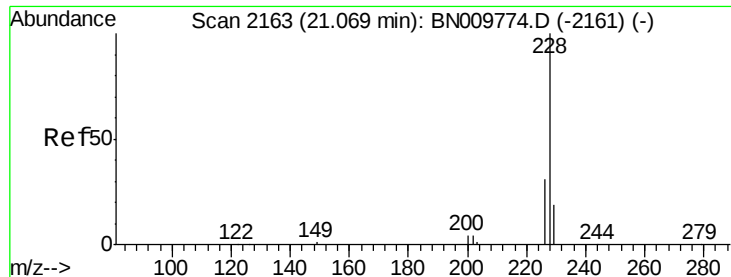
226 28.0 21.8 32.8

229 20.4 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: 0.357 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

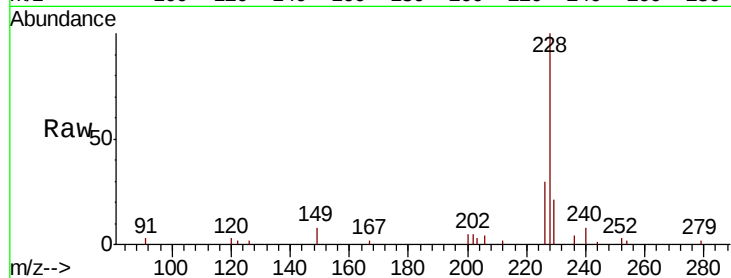
Tot Ion:228 Resp: 6845

Ion Ratio Lower Upper

228 100

226 29.9 24.8 37.2

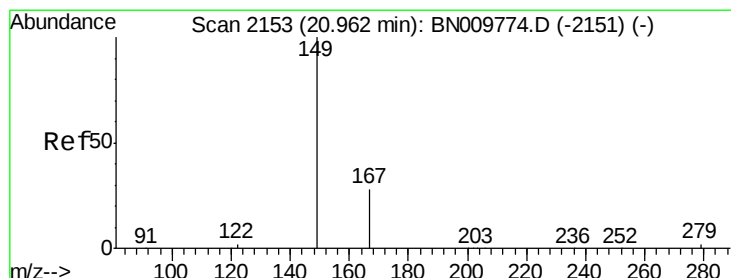
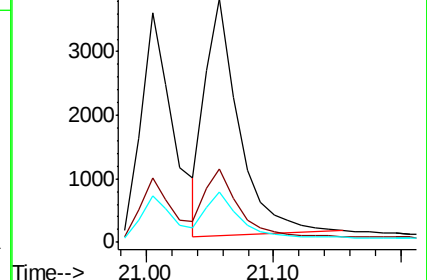
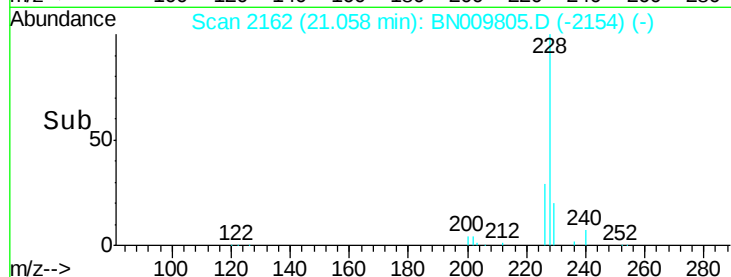
229 20.7 16.4 24.6



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: 0.424 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

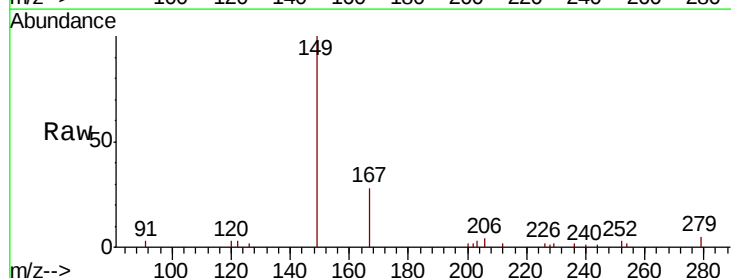
Tgt Ion:149 Resp: 3426

Ion Ratio Lower Upper

149 100

167 28.8 22.7 34.1

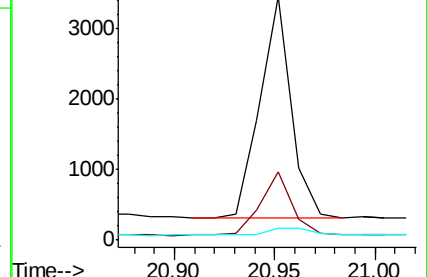
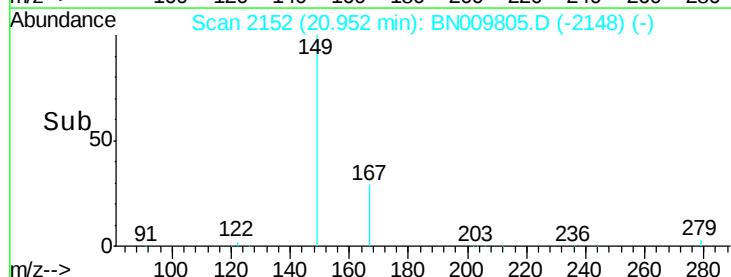
279 4.2 3.1 4.7

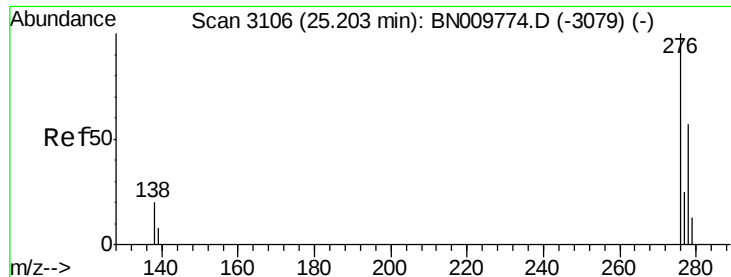


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 25.17 min Scan# 3097

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

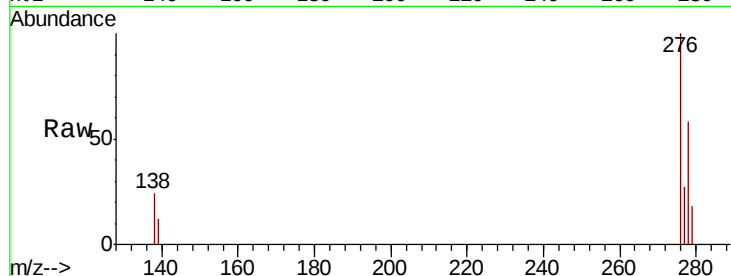
Tot Ion:276 Resp: 7630

Ion Ratio Lower Upper

276 100

138 18.5 15.8 23.6

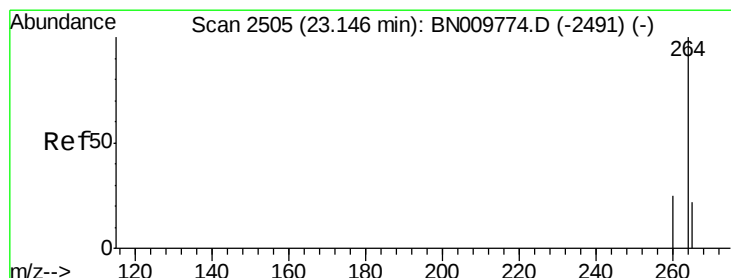
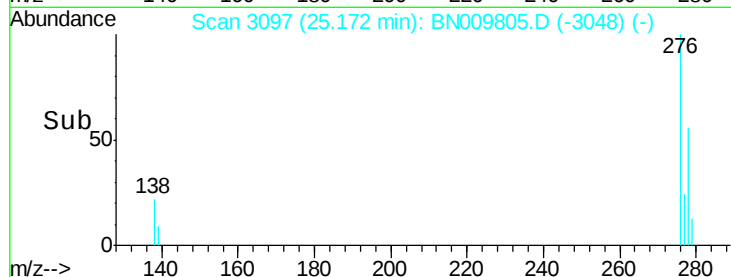
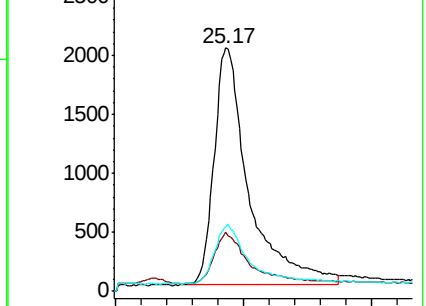
277 23.1 19.3 28.9



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: 23.13 min Scan# 2499

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

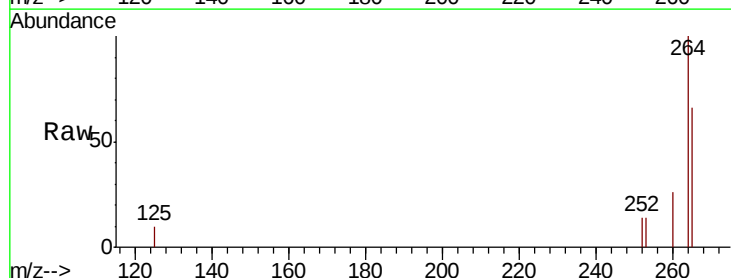
Tgt Ion:264 Resp: 5371

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

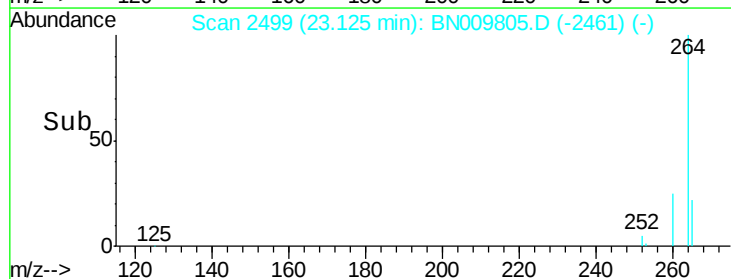
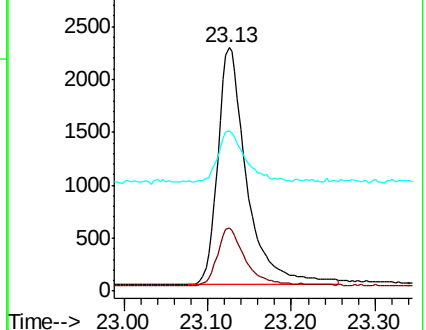
265 65.6 57.5 86.3

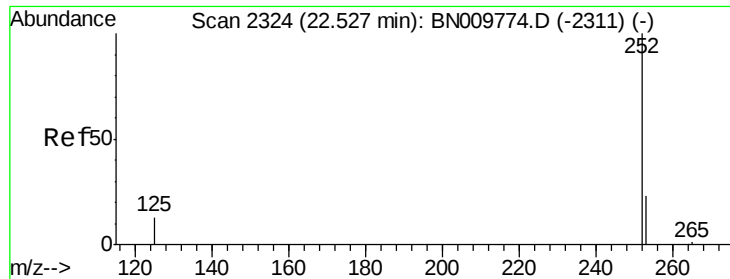


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

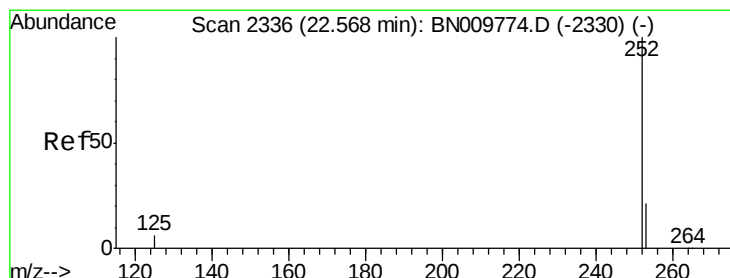
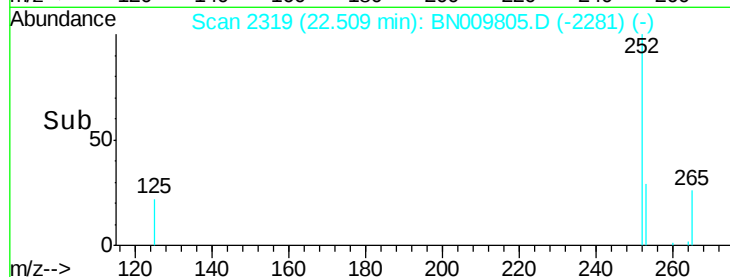
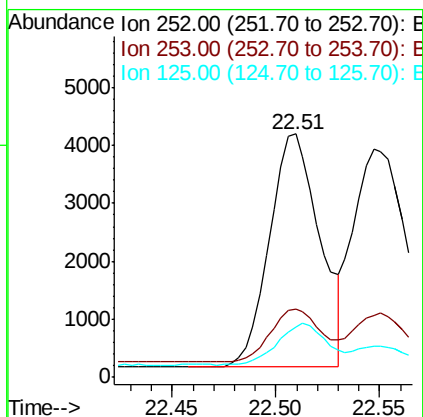
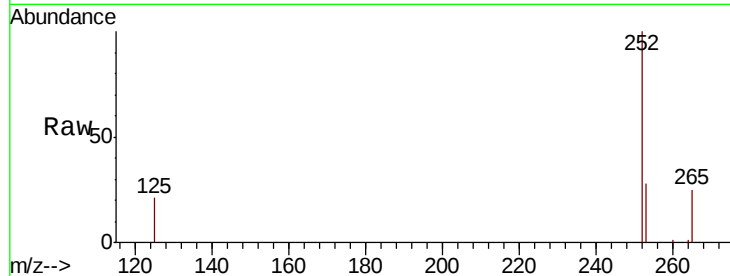




#35
Benzo(b)fluoranthene
Concen: 0.346 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

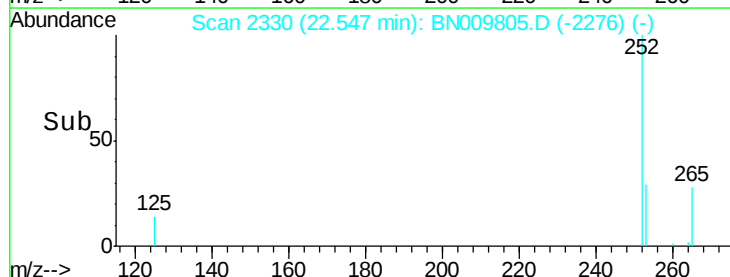
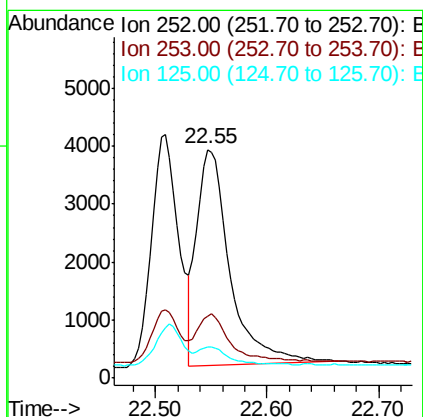
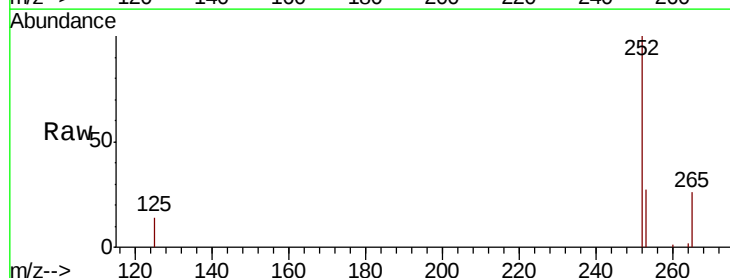
Instrument :
BNA_N
ClientSampleId :
PB126764BS

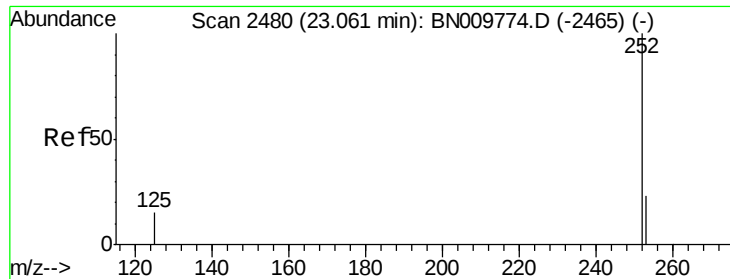
Tot Ion:252 Resp: 6786
Ion Ratio Lower Upper
252 100
253 28.1 23.0 34.6
125 20.6 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:252 Resp: 7685
Ion Ratio Lower Upper
252 100
253 27.2 22.2 33.2
125 13.8 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.04 min Scan# 2474

Delta R.T. -0.02 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS

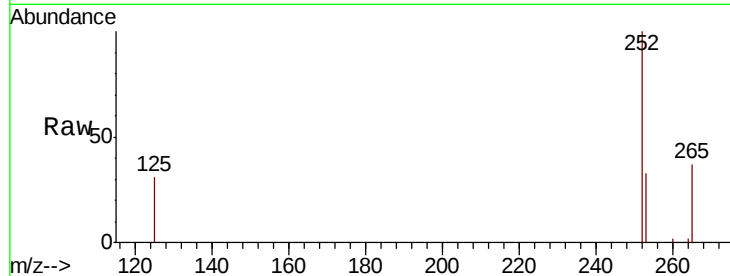
Tot Ion:252 Resp: 6720

Ion Ratio Lower Upper

252 100

253 32.7 25.3 37.9

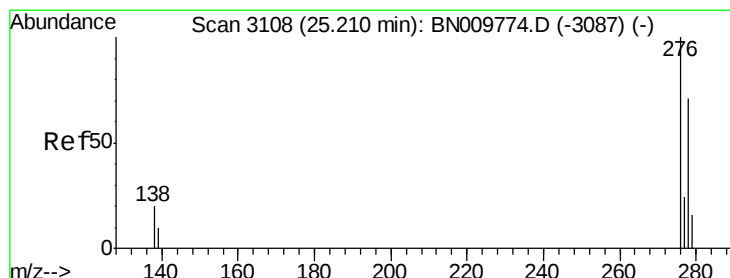
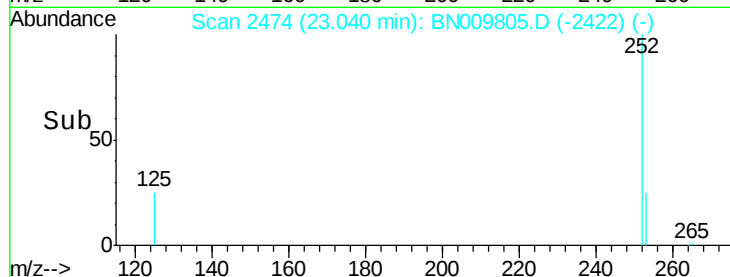
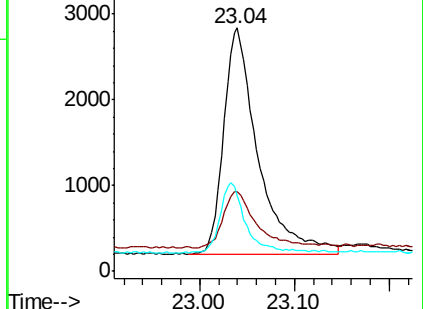
125 31.2 17.7 26.5#



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: 0.337 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BN009805.D

Acq: 21 Feb 2020 13:21

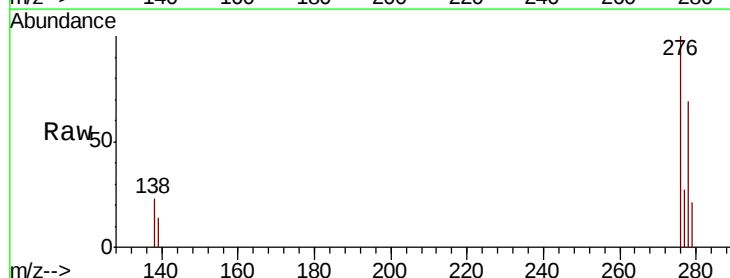
Tgt Ion:278 Resp: 5953

Ion Ratio Lower Upper

278 100

139 19.7 14.5 21.7

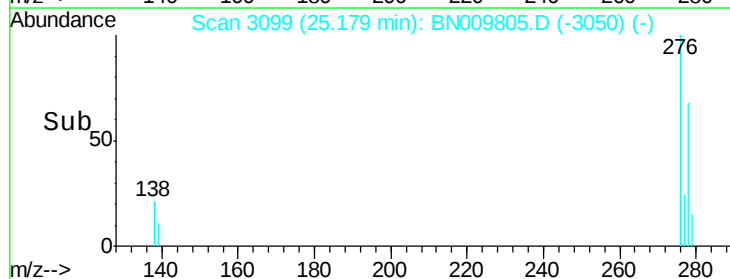
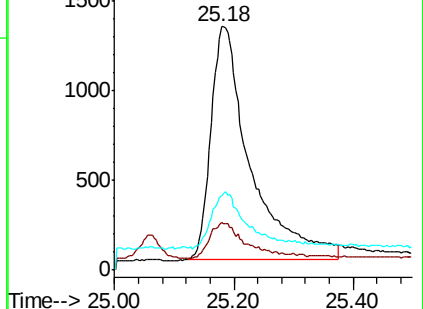
279 30.6 24.3 36.5



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: 0.358 ng

RT: 25.79 min Scan# 3278

Delta R.T. -0.04 min

Lab File: BN009805.D

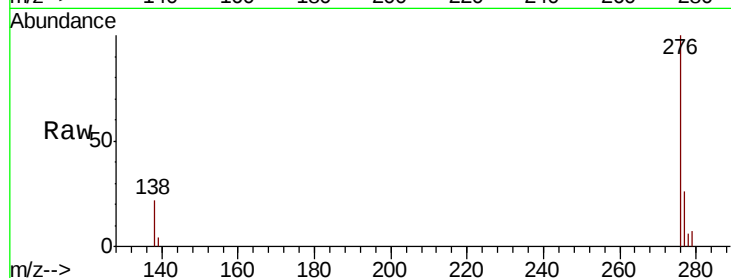
Acq: 21 Feb 2020 13:21

Instrument :

BNA_N

ClientSampleId :

PB126764BS



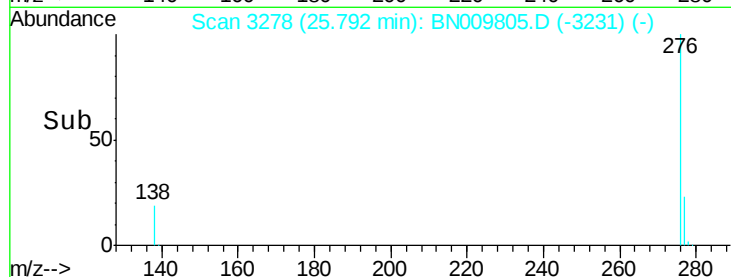
Tot Ion: 276 Resp: 6729

Ion Ratio Lower Upper

276 100

277 26.0 21.4 32.0

138 22.1 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

