

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009791.D
 Acq On : 20 Feb 2020 22:36
 Operator : CG/JU
 Sample : PB126934BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 02:50:59 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	7.41	152	1683	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5814	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	3421	0.40	ng	-0.02
19) Phenanthrene-d10	16.80	188	6315	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	5114	0.40	ng	-0.01
34) Perylene-d12	23.13	264	4803	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	846	0.23	ng	-0.02
5) Phenol-d6	6.61	99	618	0.14	ng	-0.03
8) Nitrobenzene-d5	8.57	82	2468	0.51	ng	-0.03
11) 2-Methylnaphthalene-d10	11.76	152	3614	0.32	ng	-0.02
14) 2,4,6-Tribromophenol	15.56	330	524	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	6397	0.50	ng	-0.02
25) Fluoranthene-d10	18.84	212	6764	0.31	ng	-0.02
29) Terphenyl-d14	19.46	244	10616	0.87	ng	-0.02

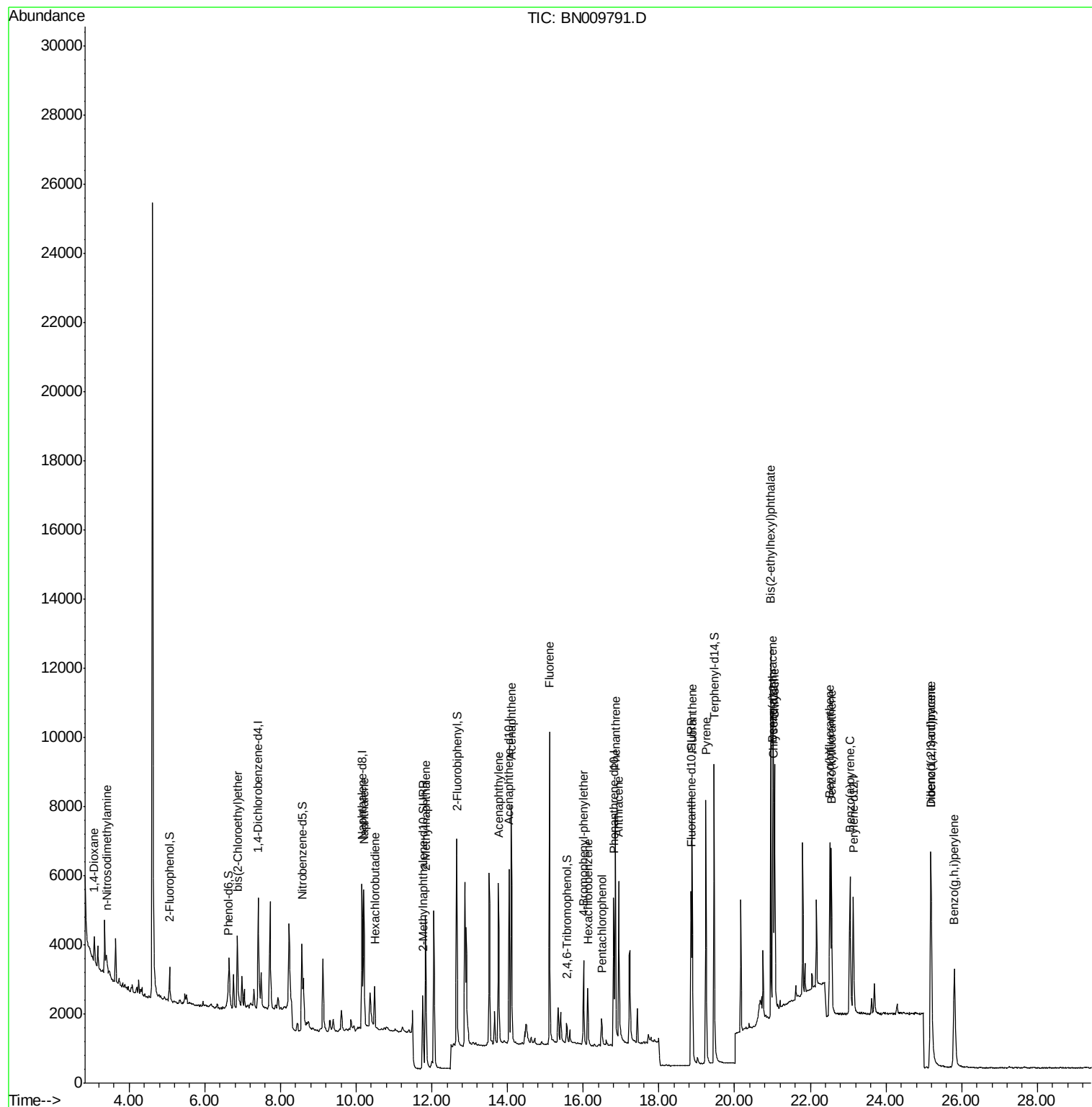
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	279	0.162	ng	# 35
3) n-Nitrosodimethylamine	3.40	42	569	0.201	ng	# 91
6) bis(2-Chloroethyl)ether	6.86	93	1650	0.373	ng	88
9) Naphthalene	10.20	128	5834	0.368	ng	97
10) Hexachlorobutadiene	10.49	225	1062	0.304	ng	# 98
12) 2-Methylnaphthalene	11.84	142	3917	0.360	ng	98
16) Acenaphthylene	13.76	152	5315	0.364	ng	99
17) Acenaphthene	14.10	154	3584	0.349	ng	98
18) Fluorene	15.10	166	4575	0.338	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1190	0.230	ng	# 89
21) Hexachlorobenzene	16.12	284	1459	0.371	ng	98
22) Pentachlorophenol	16.49	266	571	0.612	ng	90
23) Phenanthrene	16.85	178	7389	0.393	ng	100
24) Anthracene	16.94	178	6112	0.385	ng	98
26) Fluoranthene	18.88	202	8119	0.361	ng	99
28) Pyrene	19.25	202	8087	0.416	ng	99
30) Benzo(a)anthracene	21.00	228	6246	0.368	ng	98
31) Chrysene	21.06	228	6620	0.337	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	7996	0.966	ng	100
33) Indeno(1,2,3-cd)pyrene	25.18	276	7355	0.360	ng	96
35) Benzo(b)fluoranthene	22.51	252	6188	0.352	ng	96
36) Benzo(k)fluoranthene	22.55	252	6245	0.327	ng	# 97
37) Benzo(a)pyrene	23.05	252	6183	0.386	ng	# 94
38) Dibenzo(a,h)anthracene	25.19	278	6052	0.384	ng	# 93
39) Benzo(g,h,i)perylene	25.81	276	6660	0.396	ng	99

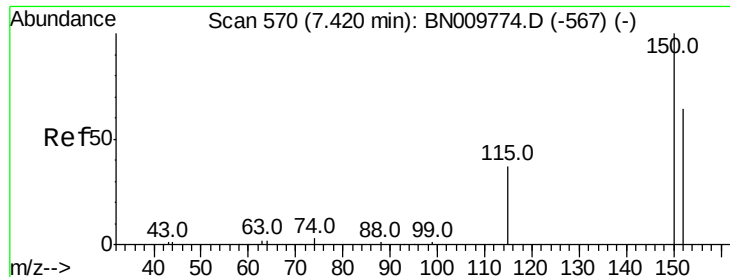
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

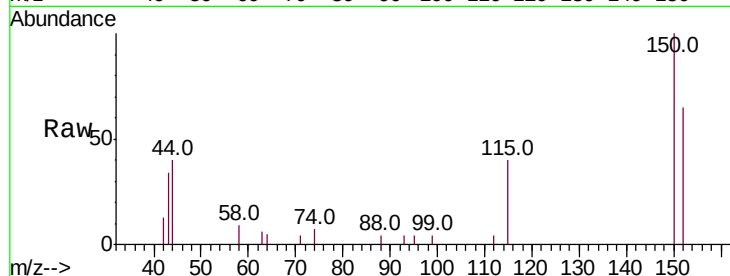
Tot Ion:152 Resp: 1683

Ion Ratio Lower Upper

152 100

150 154.9 120.6 181.0

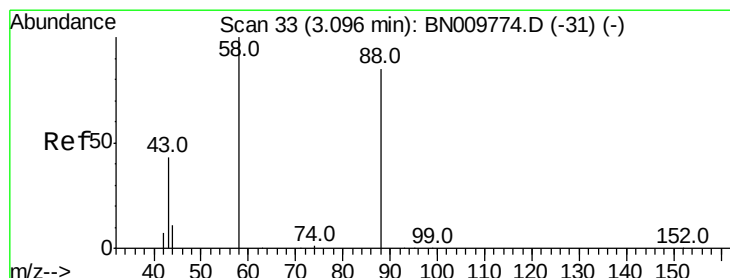
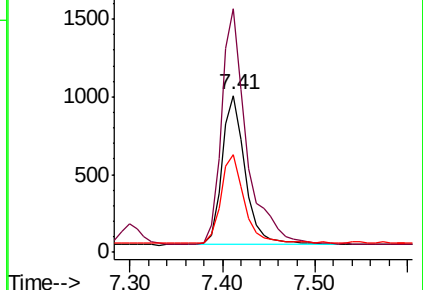
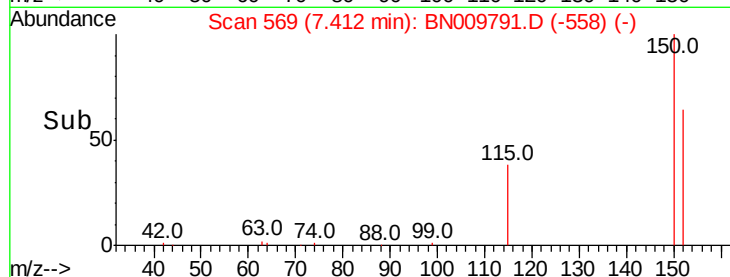
115 62.5 51.2 76.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.162 ng

RT: 3.09 min Scan# 32

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

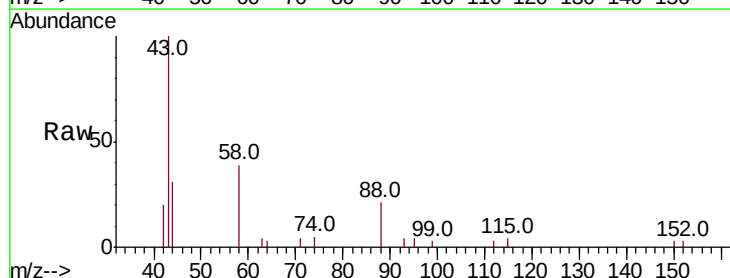
Tgt Ion: 88 Resp: 279

Ion Ratio Lower Upper

88 100

58 144.4 97.8 146.8

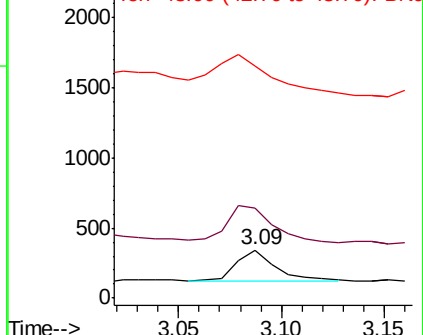
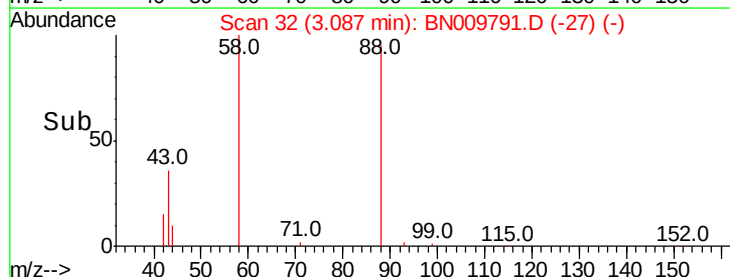
43 177.1 45.1 67.7#

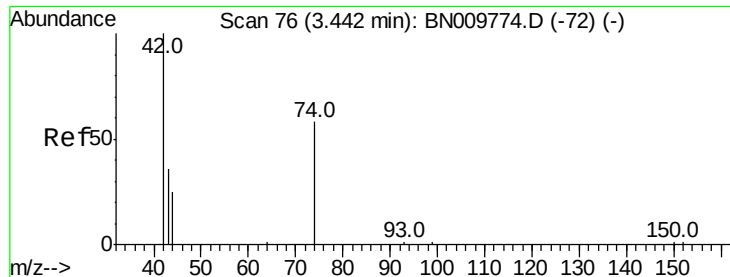


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.201 ng

RT: 3.40 min Scan# 71

Delta R.T. -0.04 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampled :

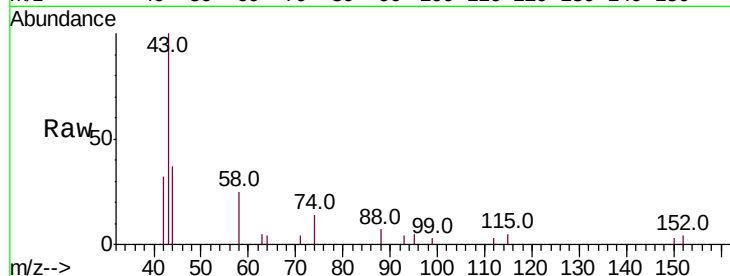
Tot Ion: 42 Resp: 569

Ion Ratio Lower Upper

42 100

74 71.0 51.2 76.8

44 0.0 2.6 4.0#

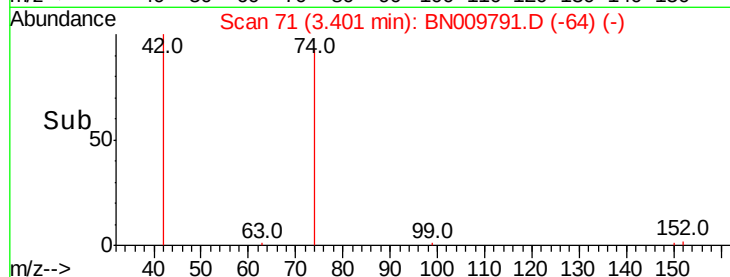


Abundance Ion 42.00 (41.70 to 42.70): BN009774.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BN009774.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BN009774.D (-72) (-)

Time-->

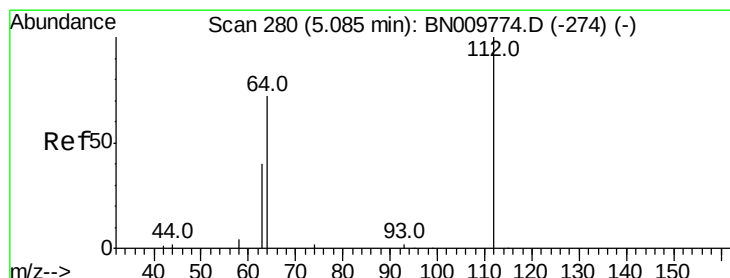


Abundance Ion 42.00 (41.70 to 42.70): BN009791.D (-64) (-)

Ion 74.00 (73.70 to 74.70): BN009791.D (-64) (-)

Ion 44.00 (43.70 to 44.70): BN009791.D (-64) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.226 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

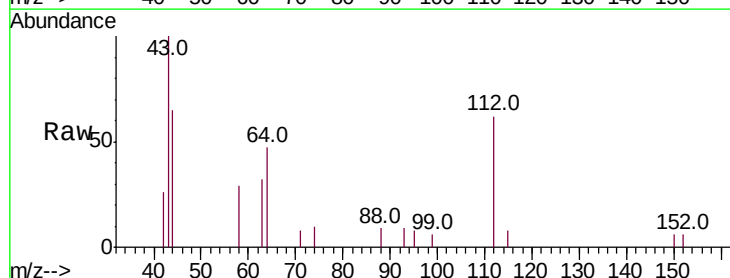
Tgt Ion: 112 Resp: 846

Ion Ratio Lower Upper

112 100

64 73.9 65.8 98.6

63 44.9 38.7 58.1

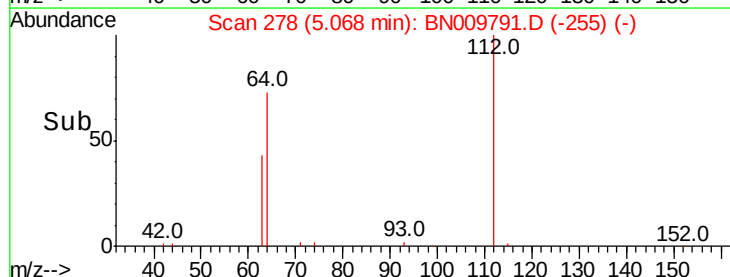


Abundance Ion 112.00 (111.70 to 112.70): BN009774.D (-274) (-)

Ion 64.00 (63.70 to 64.70): BN009774.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-274) (-)

Time-->

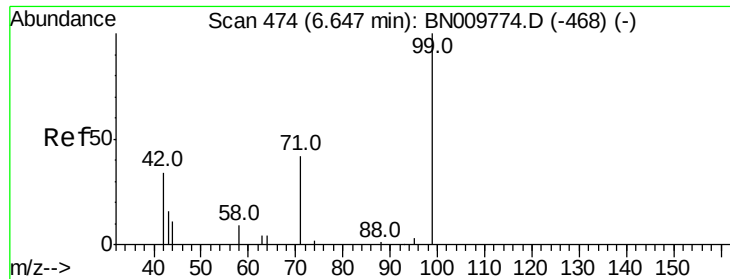


Abundance Ion 112.00 (111.70 to 112.70): BN009791.D (-255) (-)

Ion 64.00 (63.70 to 64.70): BN009791.D (-255) (-)

Ion 63.00 (62.70 to 63.70): BN009791.D (-255) (-)

Time-->



#5

Phenol-d6

Concen: 0.136 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampled :

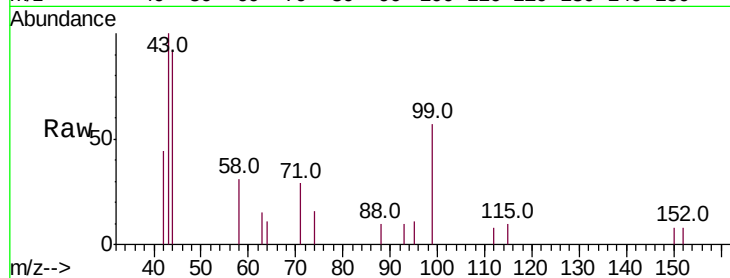
Tot Ion: 99 Resp: 618

Ion Ratio Lower Upper

99 100

42 59.9 30.8 46.2#

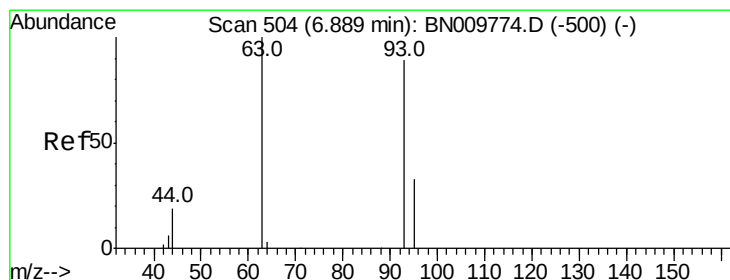
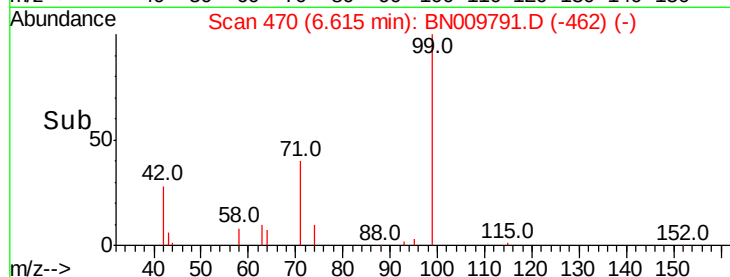
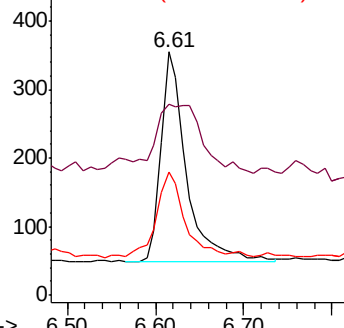
71 42.9 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.373 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

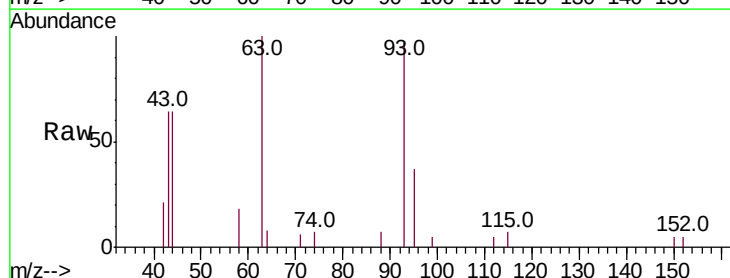
Tgt Ion: 93 Resp: 1650

Ion Ratio Lower Upper

93 100

63 106.9 74.0 111.0

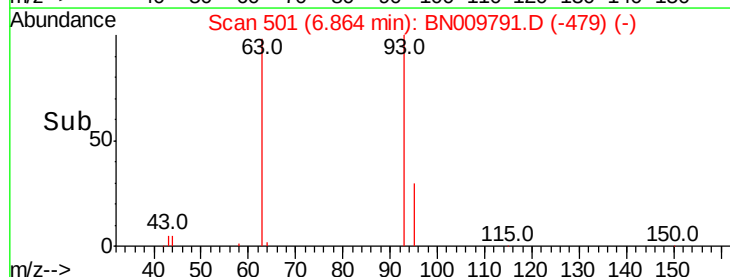
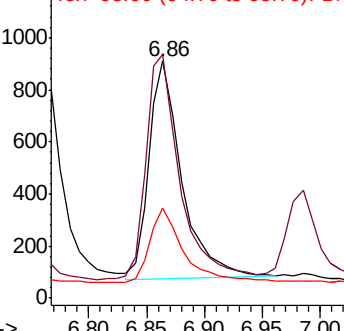
95 36.2 26.7 40.1

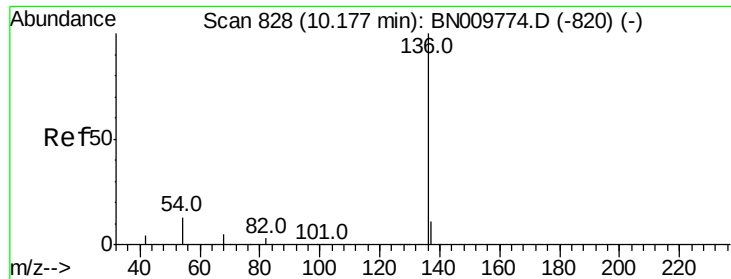


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5814

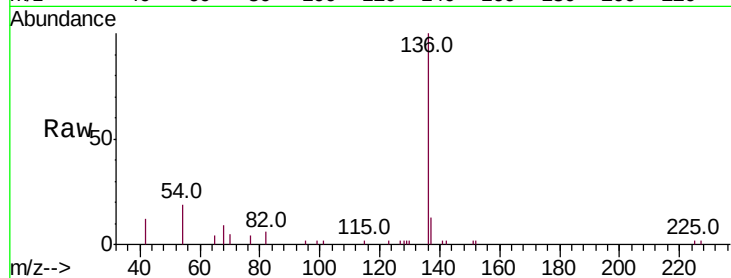
Ion Ratio Lower Upper

136 100

137 12.7 11.3 16.9

54 18.6 13.4 20.2

68 9.3 7.0 10.4

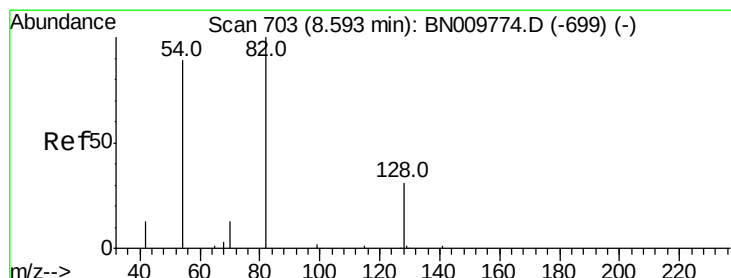
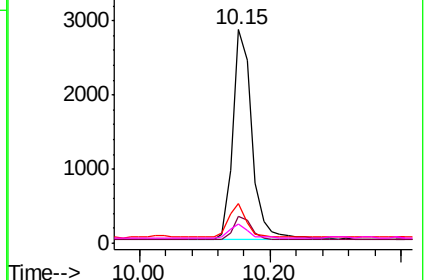
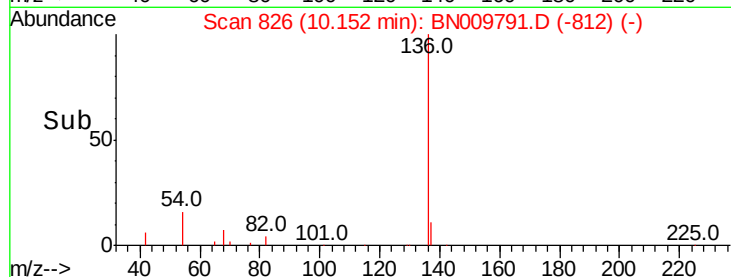


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.510 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

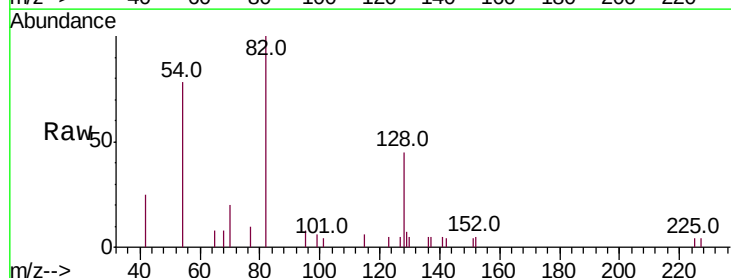
Tgt Ion: 82 Resp: 2468

Ion Ratio Lower Upper

82 100

128 45.2 32.5 48.7

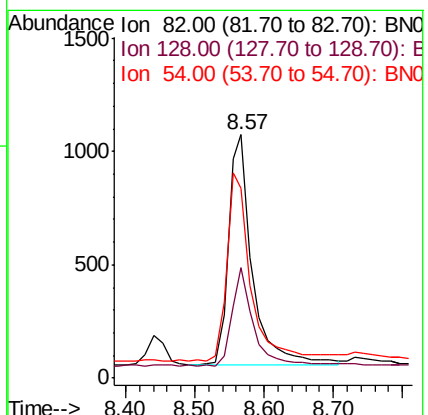
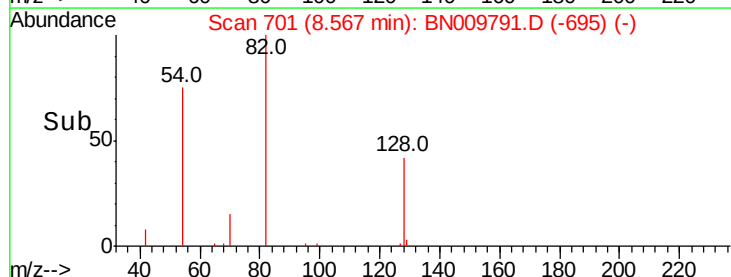
54 77.8 73.5 110.3

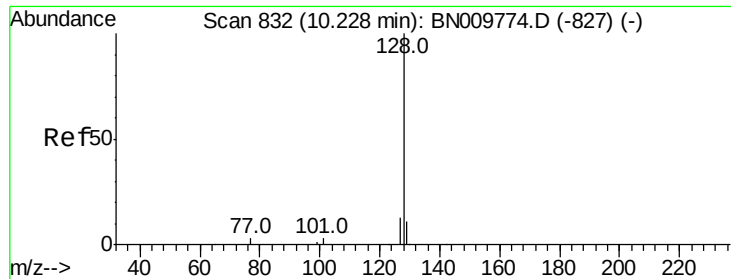


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.368 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

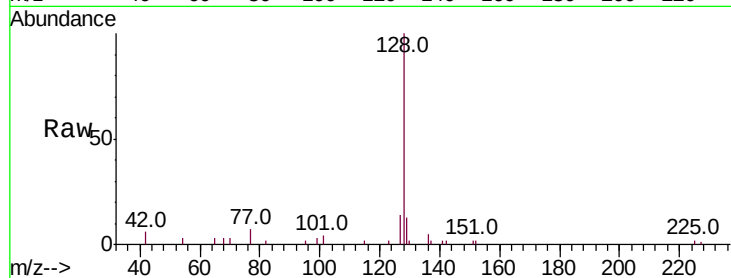
Tot Ion:128 Resp: 5834

Ion Ratio Lower Upper

128 100

129 12.5 11.1 16.7

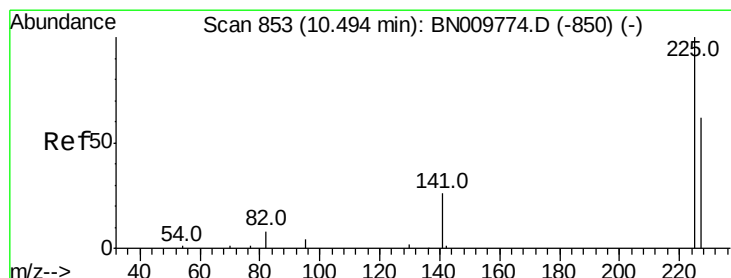
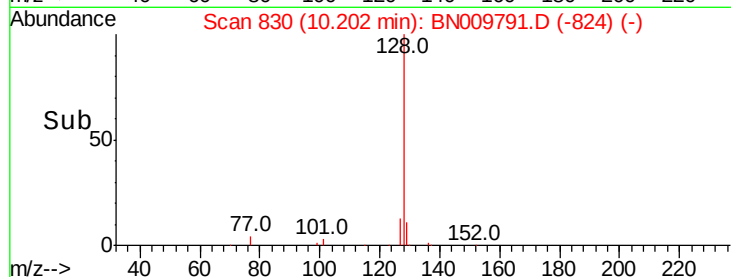
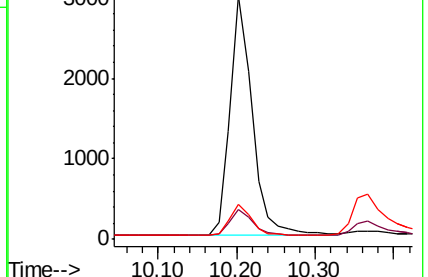
127 14.3 12.6 19.0



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



#10

Hexachlorobutadiene

Concen: 0.304 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

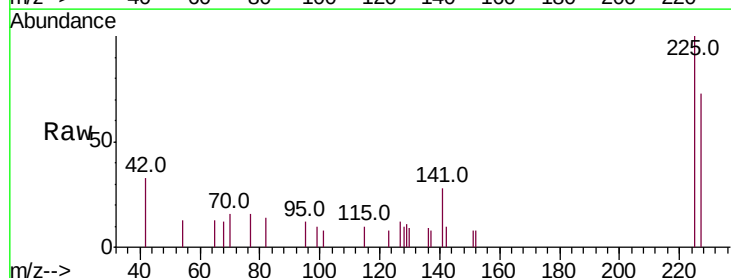
Tgt Ion:225 Resp: 1062

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

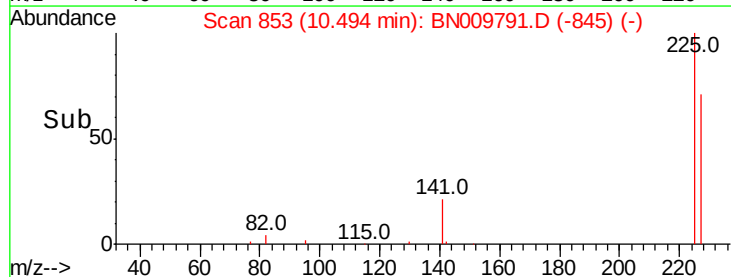
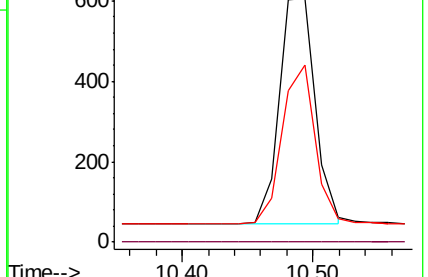
227 65.0 53.4 80.2

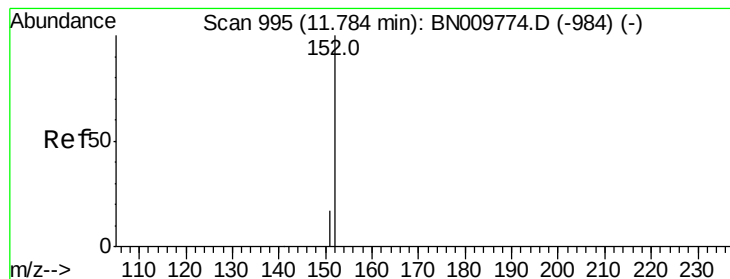


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

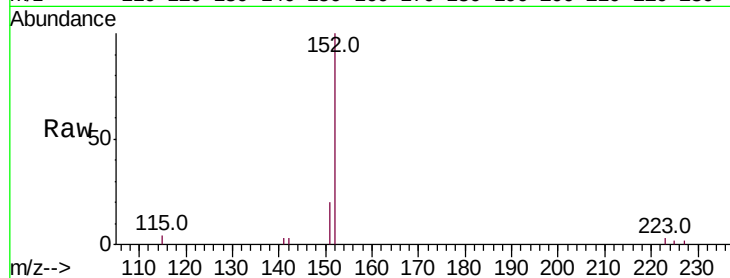
ClientSampleId :

Tot Ion:152 Resp: 3614

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

2000

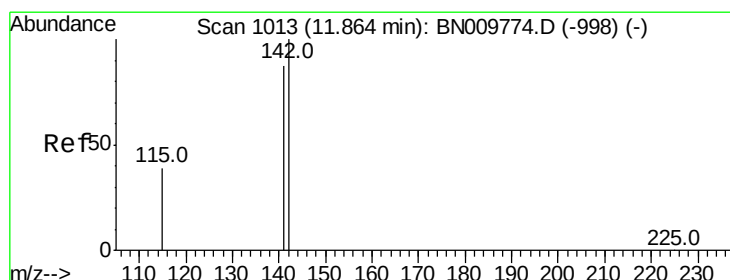
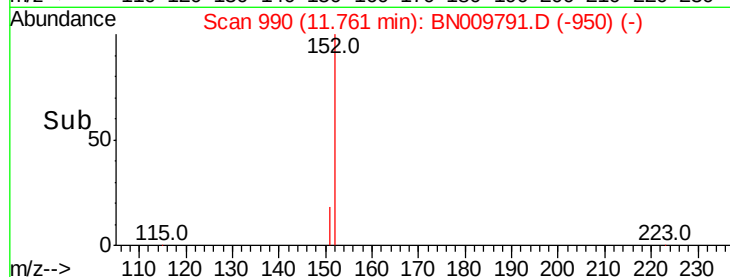
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.360 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

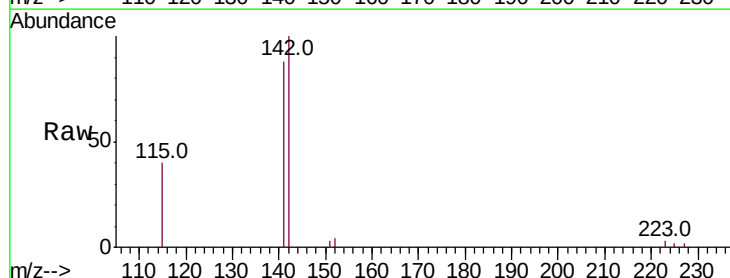
Tgt Ion:142 Resp: 3917

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.6

115 40.1 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

2500

2000

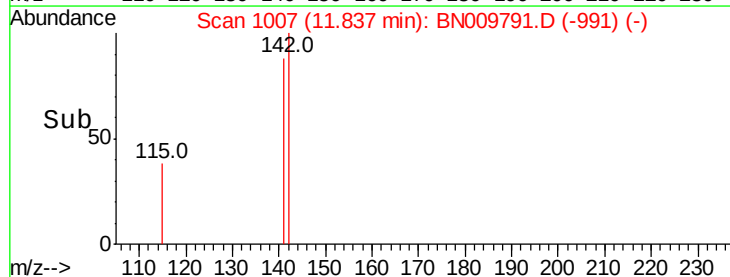
1500

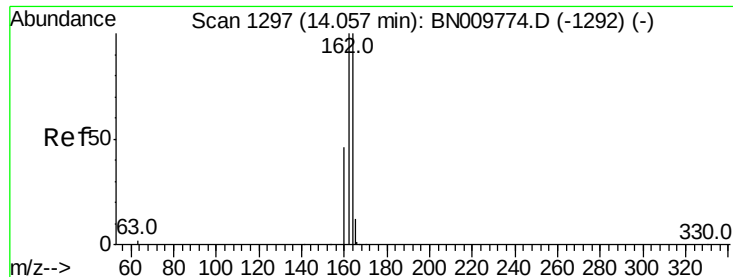
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampled :

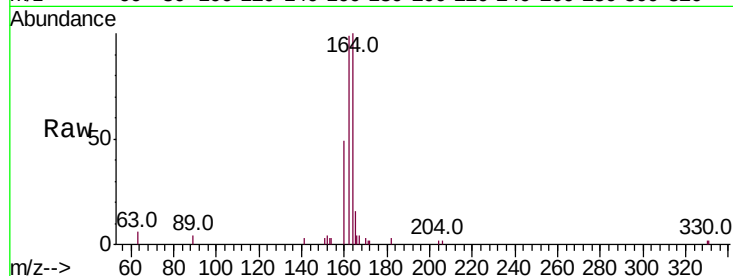
Tot Ion:164 Resp: 3421

Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

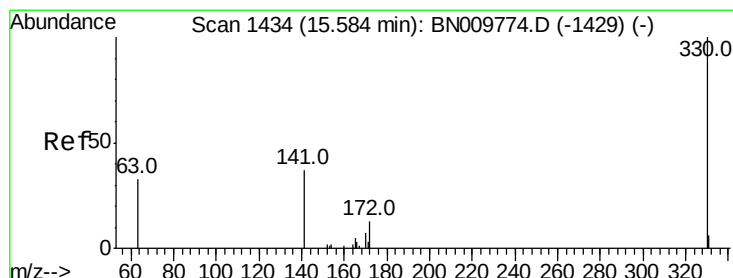
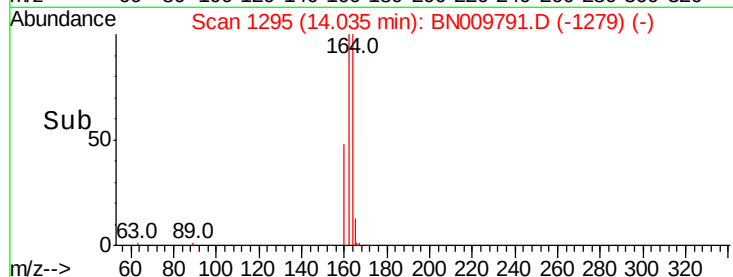
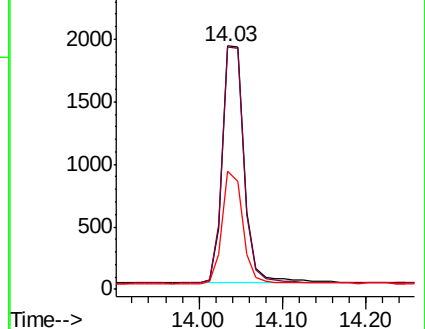
160 48.6 38.2 57.2



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: 0.398 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

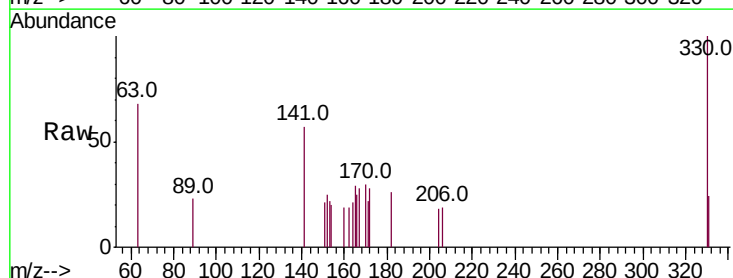
Tgt Ion:330 Resp: 524

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

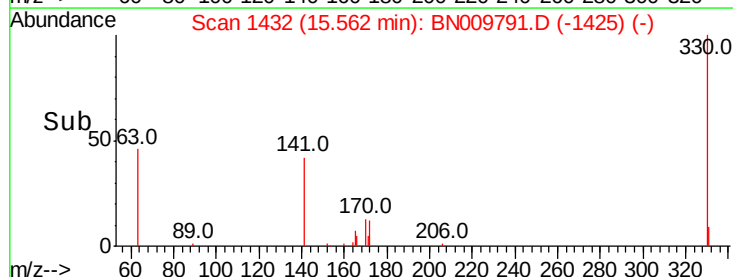
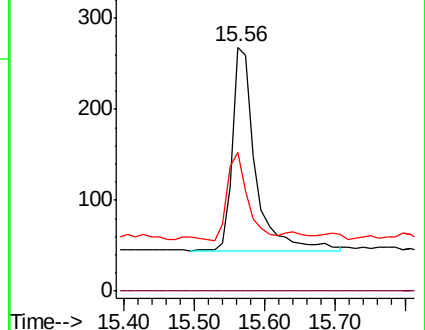
141 36.8 36.8 55.2

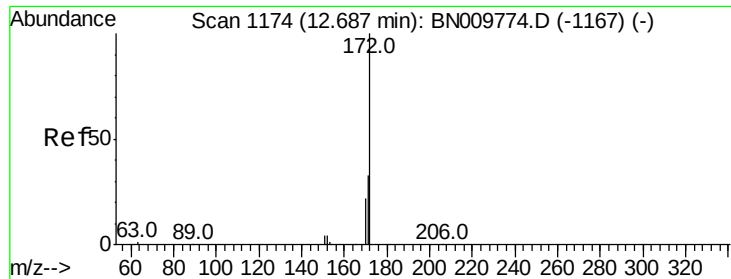


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

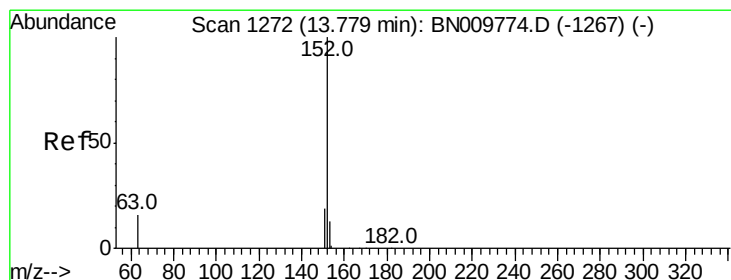
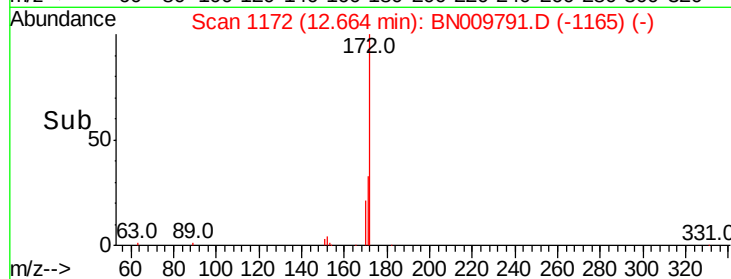
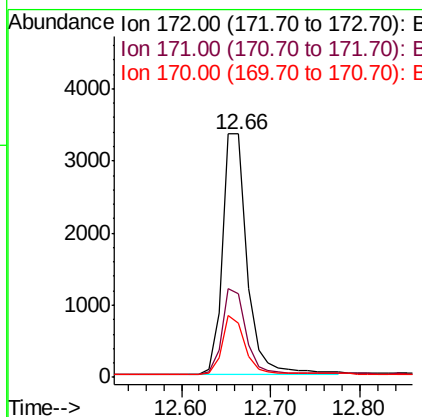
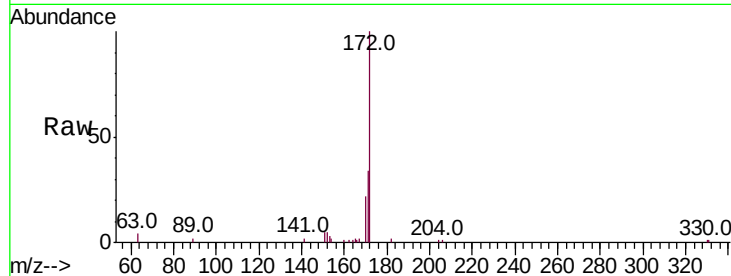




#15
2-Fluorobiphenyl
Concen: 0.495 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009791.D
Acq: 20 Feb 2020 22:36

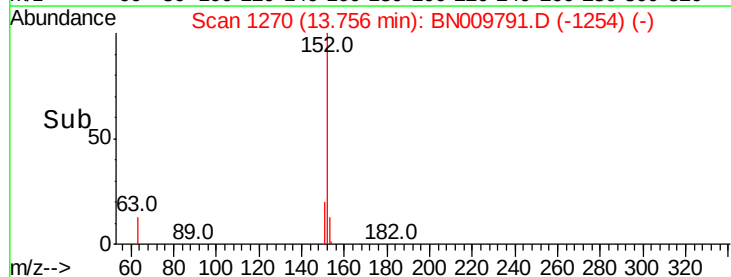
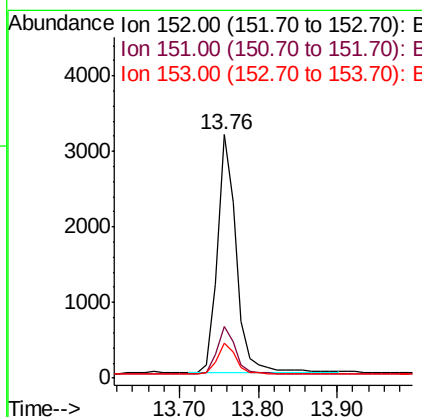
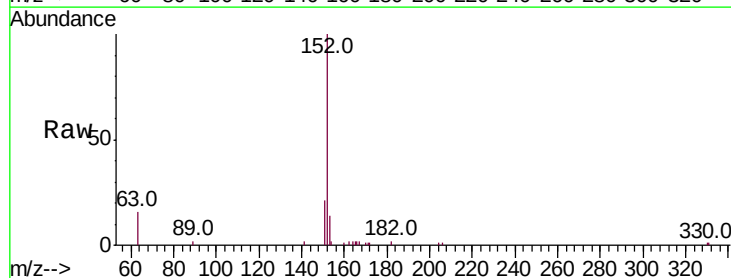
Instrument :
BNA_N
ClientSampleId :

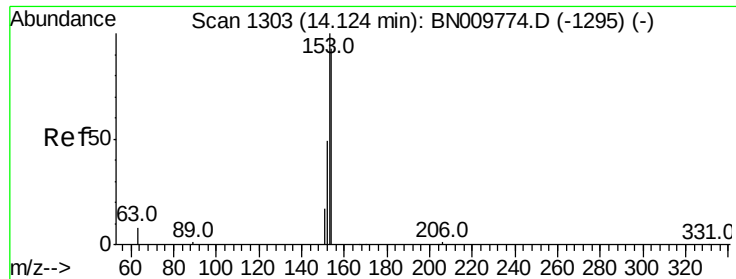
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.7	43.1
170	22.4	20.1	30.1



#16
Acenaphthylene
Concen: 0.364 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009791.D
Acq: 20 Feb 2020 22:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.2	10.2	15.4





#17

Acenaphthene

Concen: 0.349 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

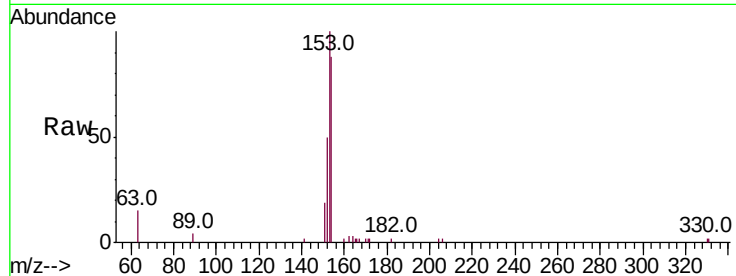
Tot Ion:154 Resp: 3584

Ion Ratio Lower Upper

154 100

153 113.2 88.9 133.3

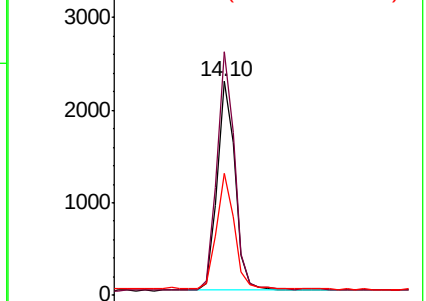
152 55.9 44.2 66.2



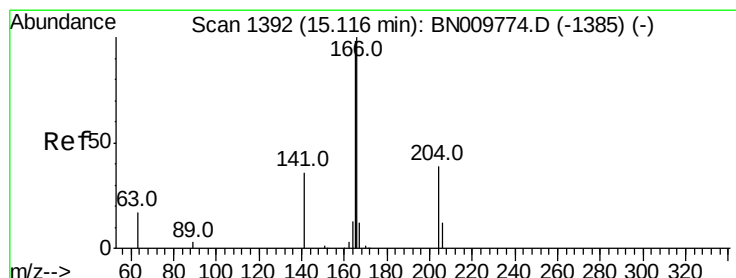
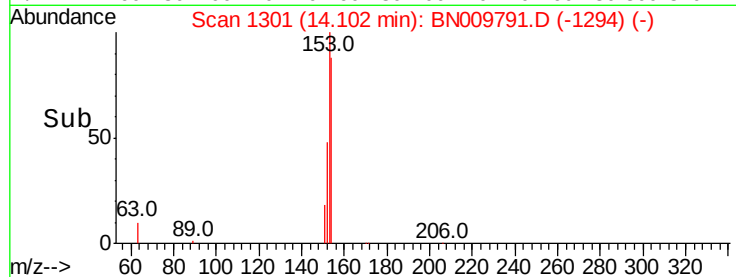
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.338 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

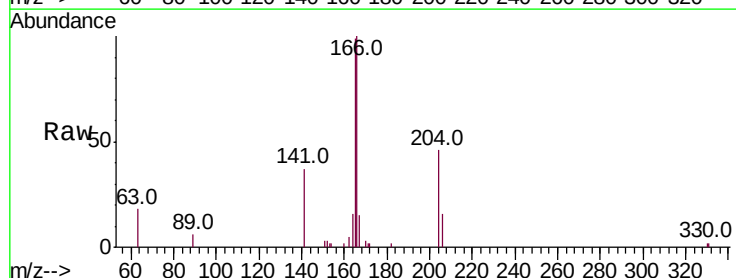
Tgt Ion:166 Resp: 4575

Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

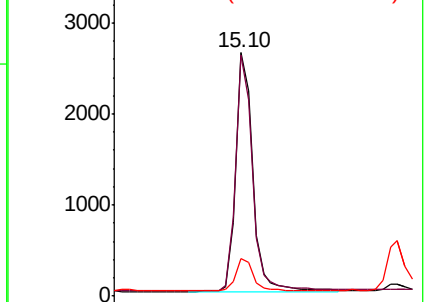
167 13.6 10.5 15.7



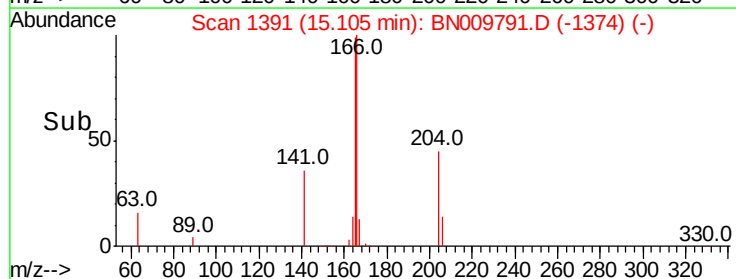
Abundance Ion 166.00 (165.70 to 166.70): E

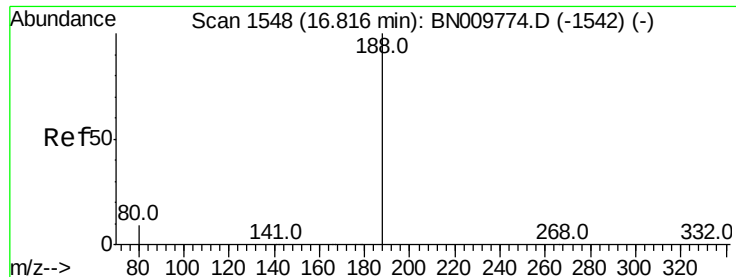
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

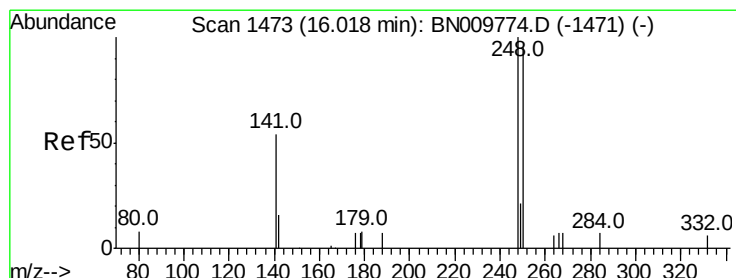
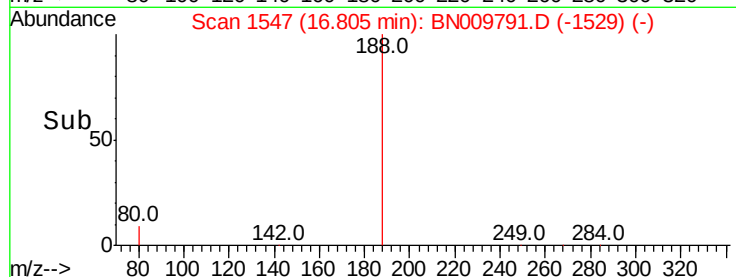
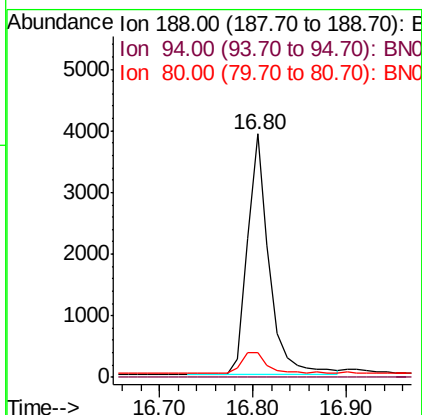
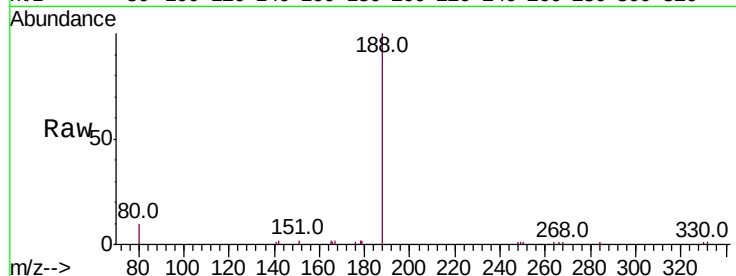
Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :
BNA_N
ClientSampled :

Tot Ion:188 Resp: 6315

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.3	12.5



#20

4-Bromophenyl-phenylether

Concen: 0.230 ng

RT: 16.01 min Scan# 1472

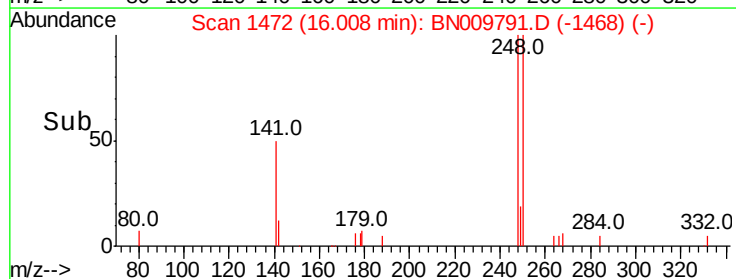
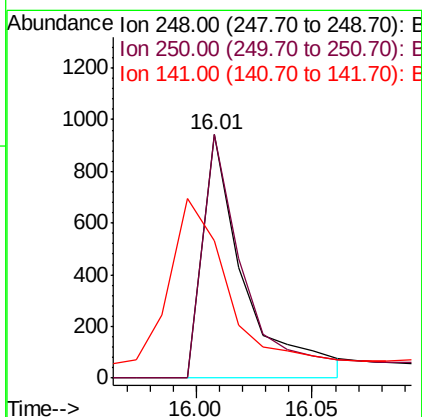
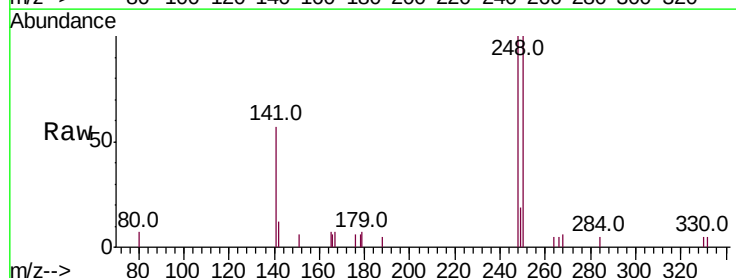
Delta R.T. -0.01 min

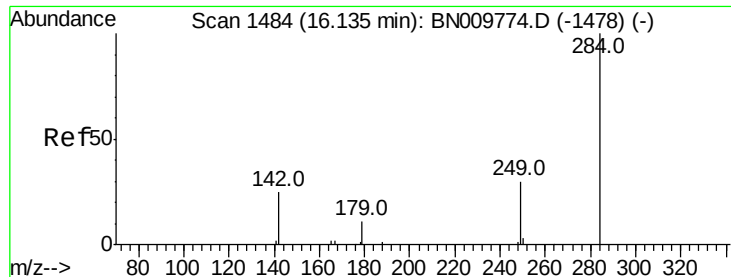
Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Tgt Ion:248 Resp: 1190

Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.2	114.4
141	56.6	57.8	86.6#





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

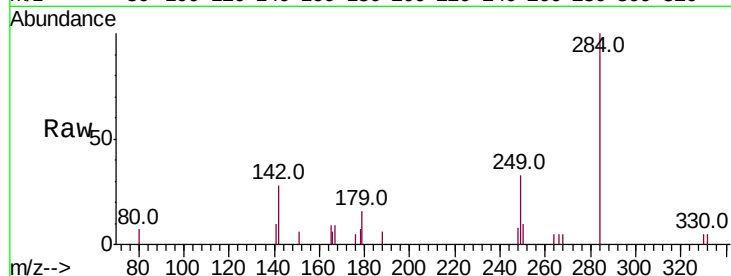
Tot Ion:284 Resp: 1459

Ion Ratio Lower Upper

284 100

142 40.4 33.3 49.9

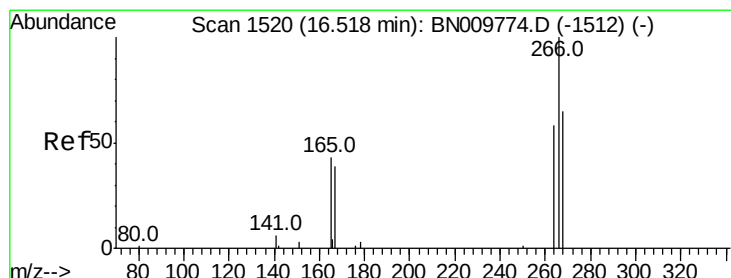
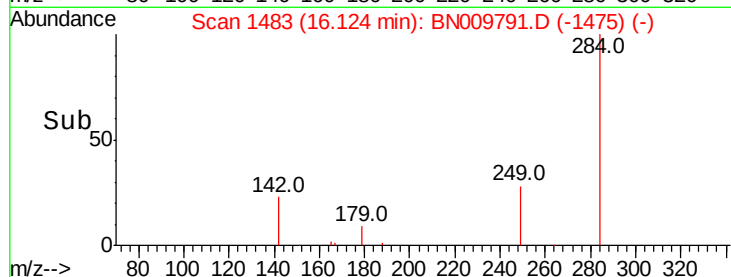
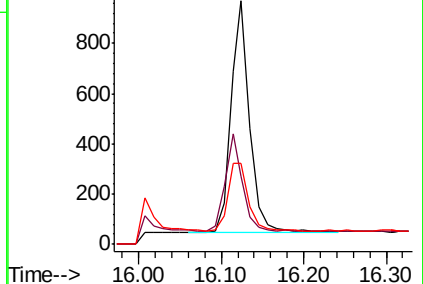
249 32.8 25.7 38.5



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: 0.612 ng

RT: 16.49 min Scan# 1517

Delta R.T. -0.03 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

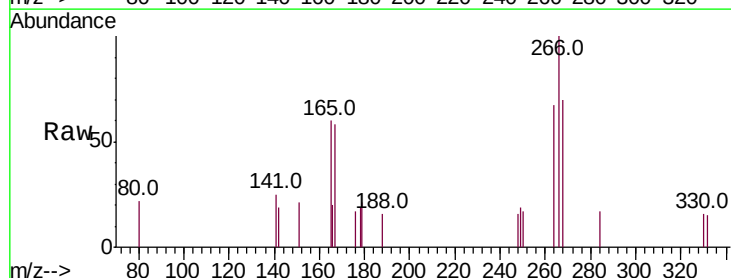
Tgt Ion:266 Resp: 571

Ion Ratio Lower Upper

266 100

264 67.1 58.1 87.1

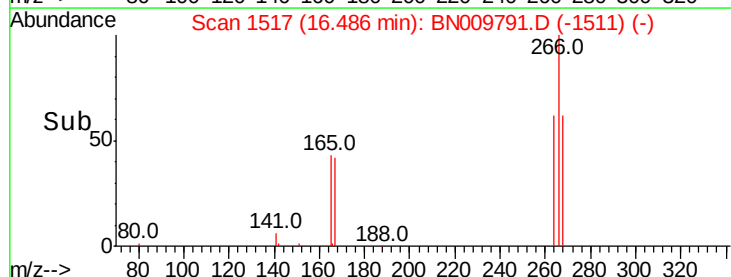
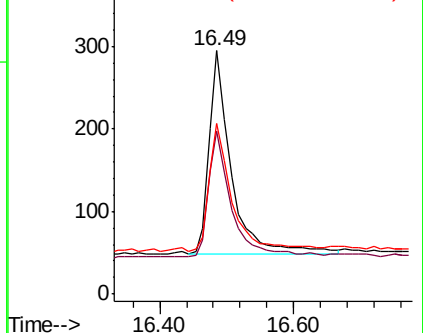
268 69.8 65.7 98.5

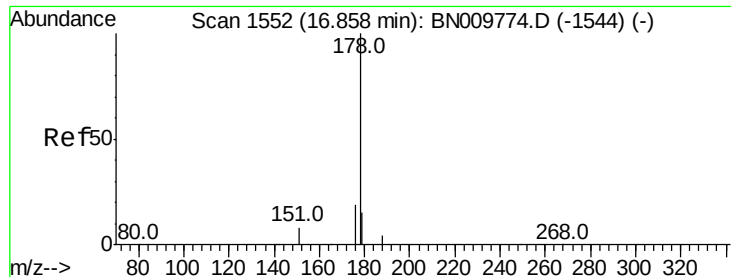


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

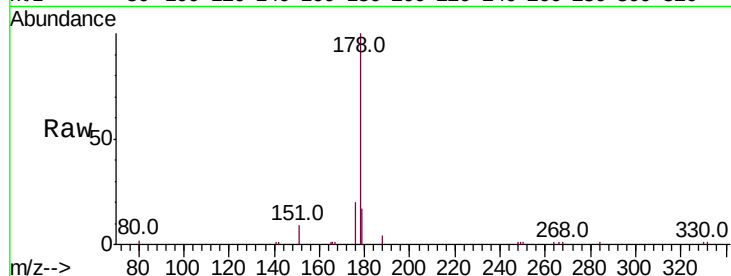
Tot Ion:178 Resp: 7389

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

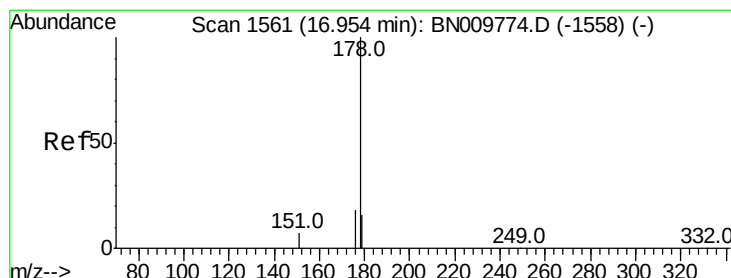
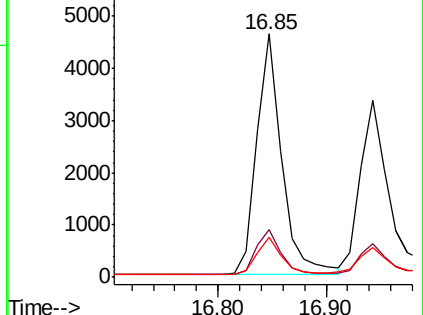
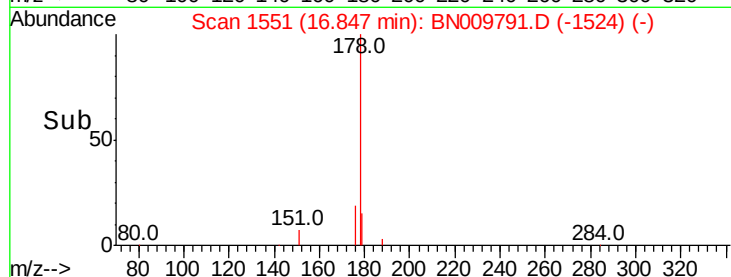
179 15.4 12.4 18.6



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: 0.385 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

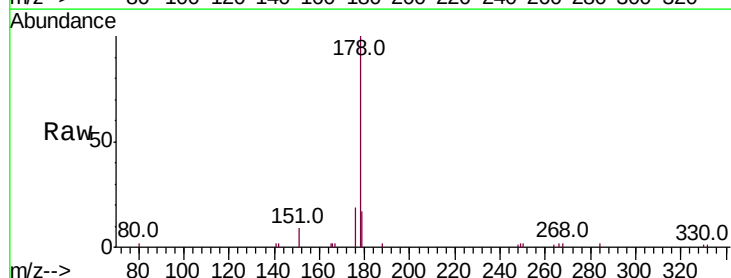
Tgt Ion:178 Resp: 6112

Ion Ratio Lower Upper

178 100

176 18.2 14.3 21.5

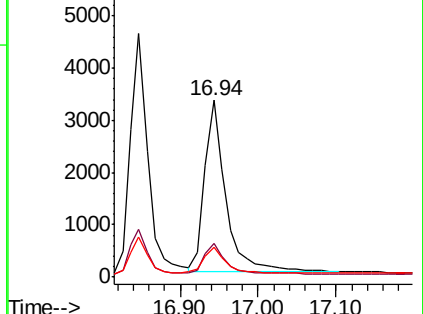
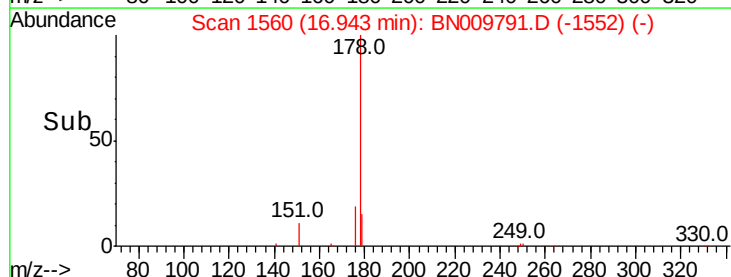
179 16.5 12.4 18.6

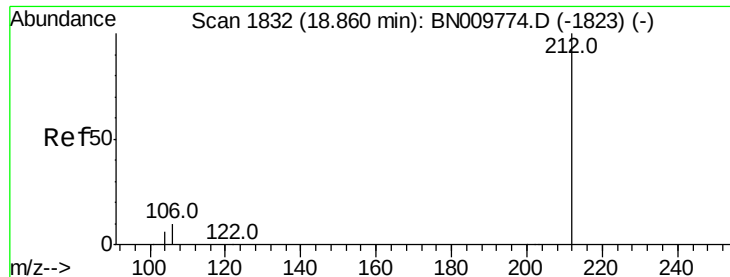


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.310 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

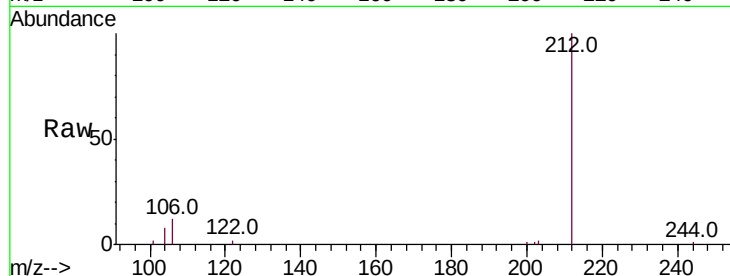
Tot Ion:212 Resp: 6764

Ion Ratio Lower Upper

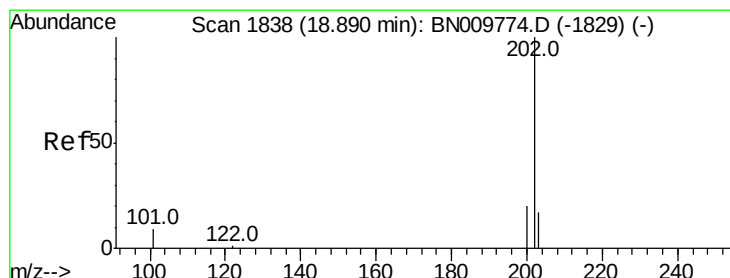
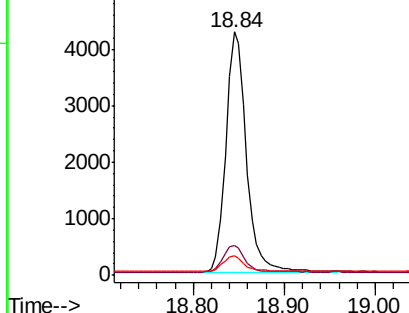
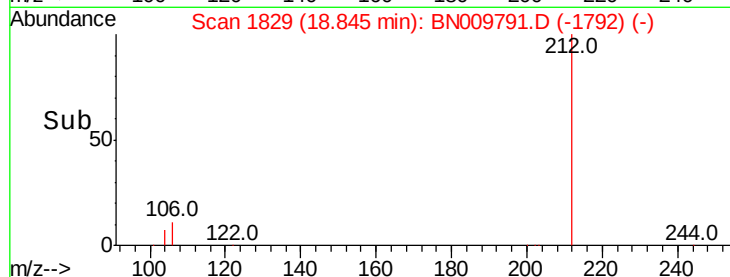
212 100

106 11.5 8.4 12.6

104 7.2 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: 0.361 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

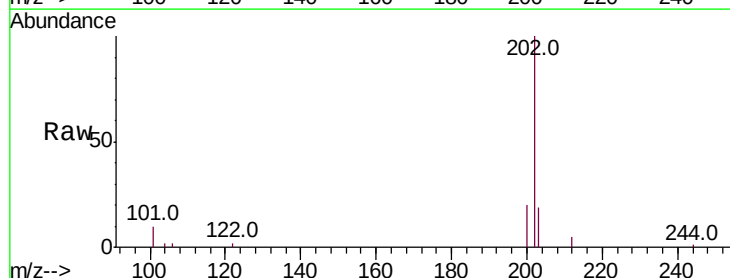
Tgt Ion:202 Resp: 8119

Ion Ratio Lower Upper

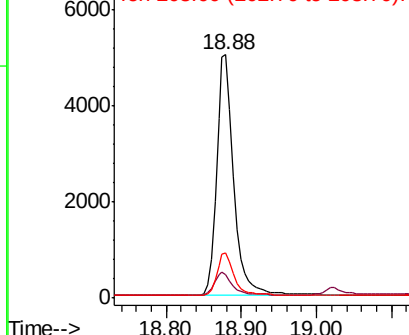
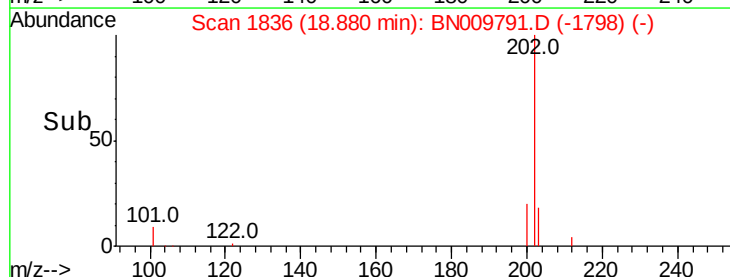
202 100

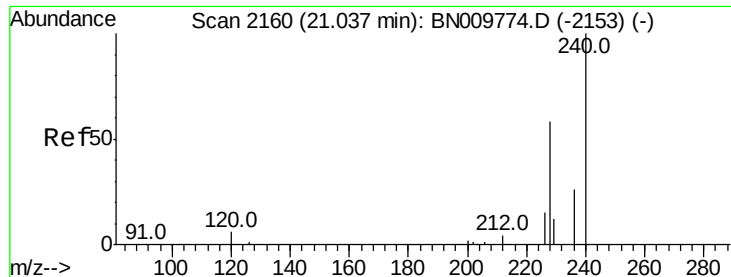
101 10.2 7.1 10.7

203 17.1 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: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

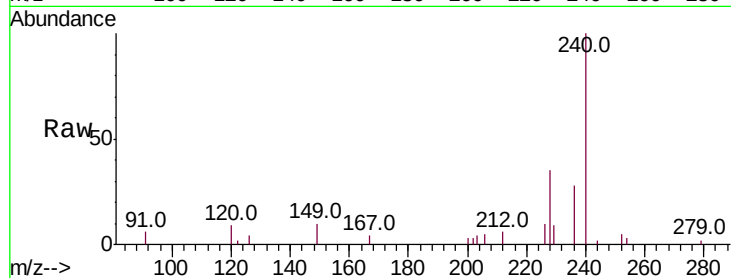
Tot Ion:240 Resp: 5114

Ion Ratio Lower Upper

240 100

120 8.8 7.9 11.9

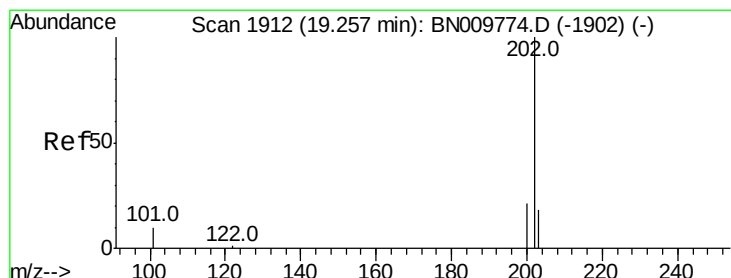
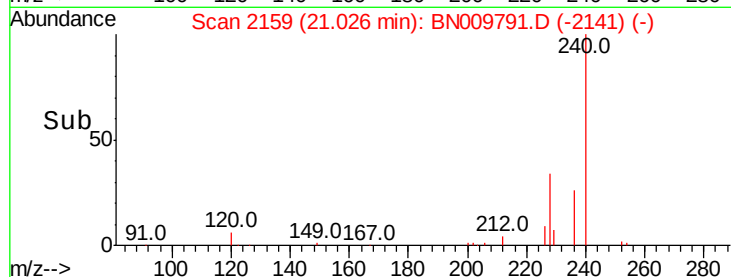
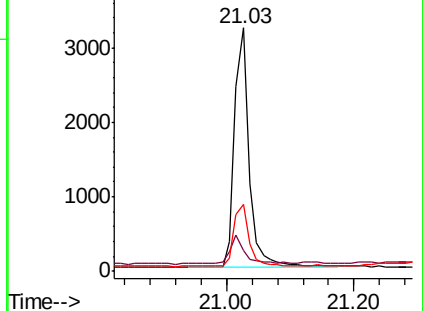
236 27.7 22.0 33.0



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: 0.416 ng

RT: 19.25 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

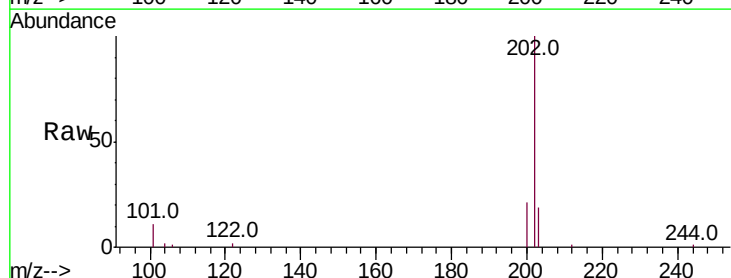
Tgt Ion:202 Resp: 8087

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

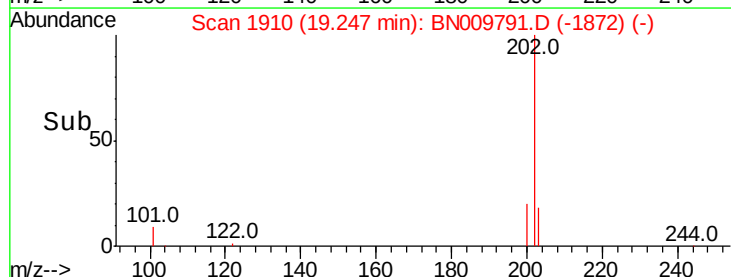
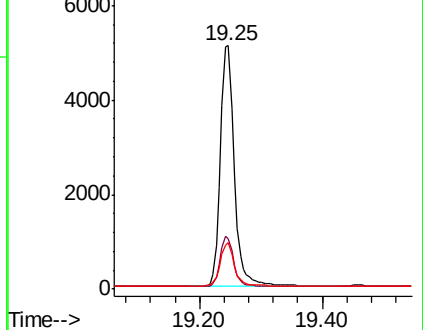
203 17.8 13.9 20.9

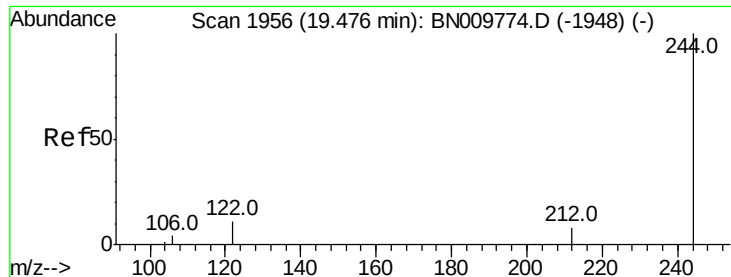


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.869 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

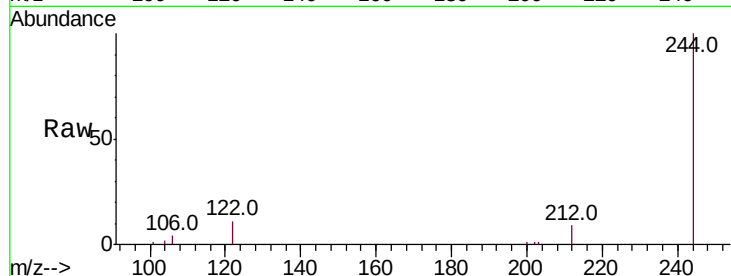
Tot Ion:244 Resp: 10616

Ion Ratio Lower Upper

244 100

212 8.6 8.0 12.0

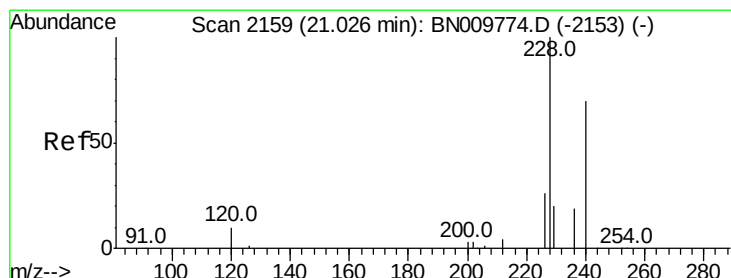
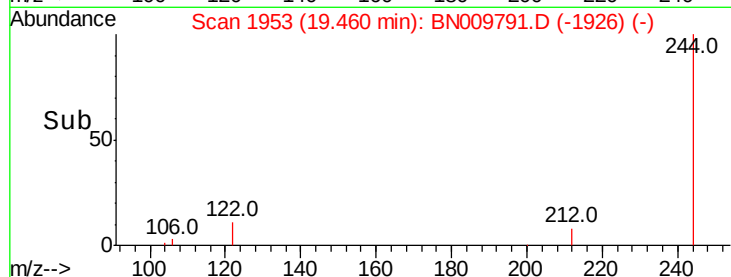
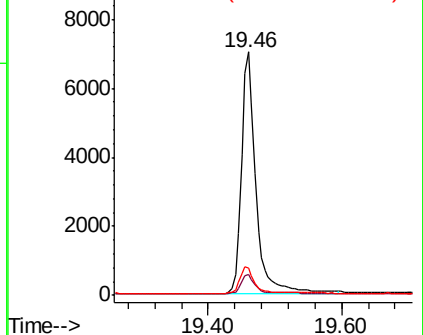
122 11.3 10.0 15.0



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: 0.368 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

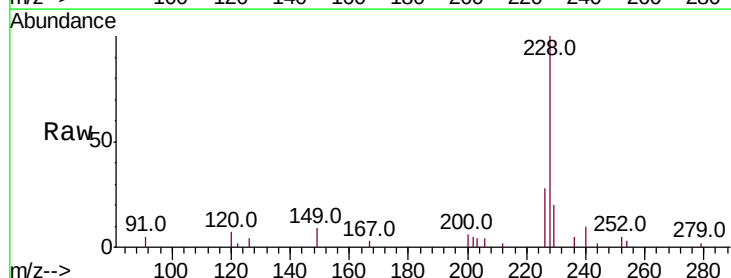
Tgt Ion:228 Resp: 6246

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

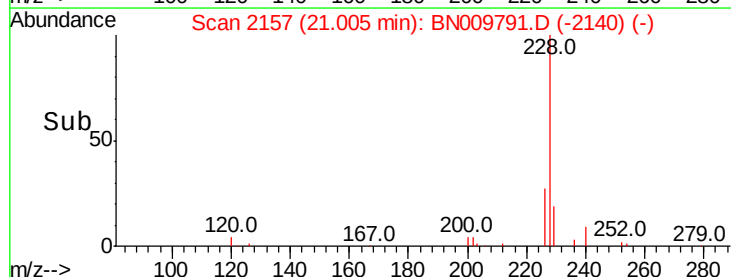
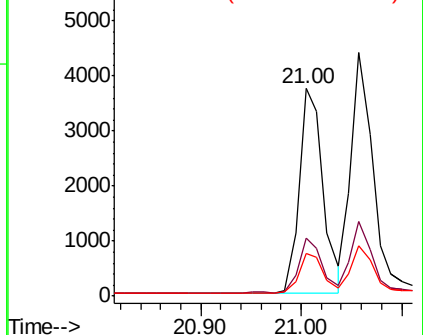
229 20.4 17.1 25.7

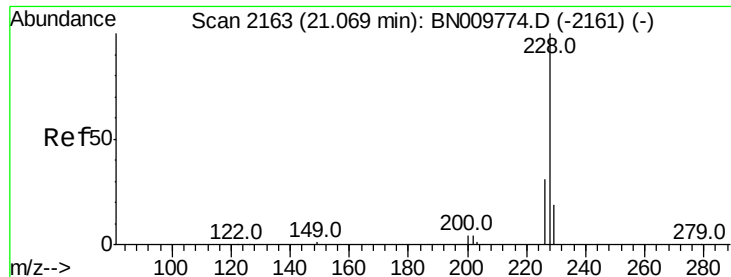


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.337 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

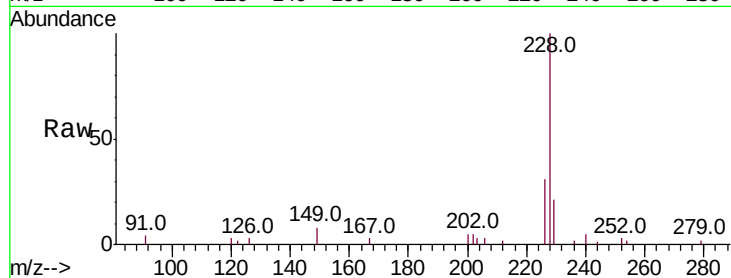
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 6620

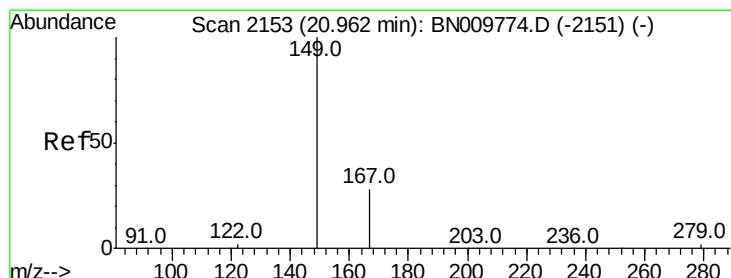
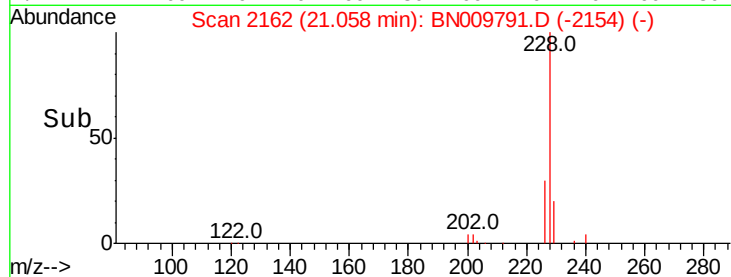
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	20.7	16.4	24.6



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: 0.966 ng

RT: 20.95 min Scan# 2152

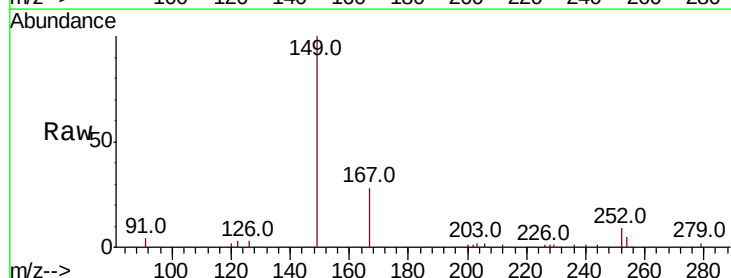
Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Tgt Ion:149 Resp: 7996

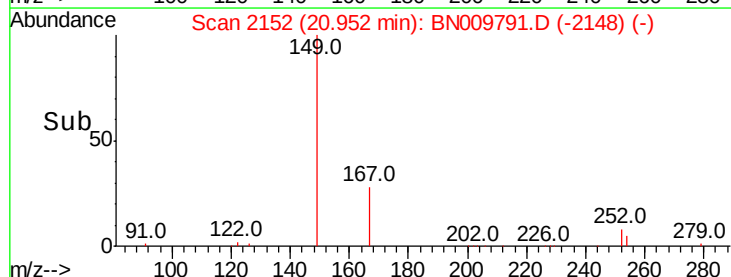
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.0	3.1	4.7

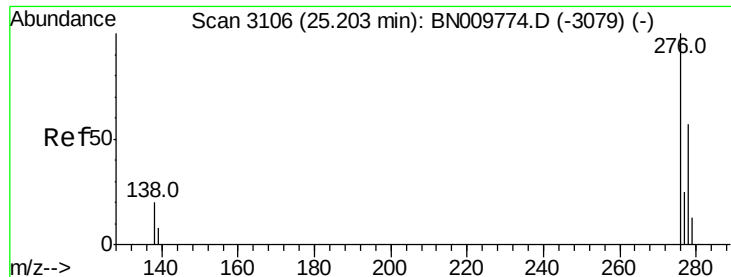


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

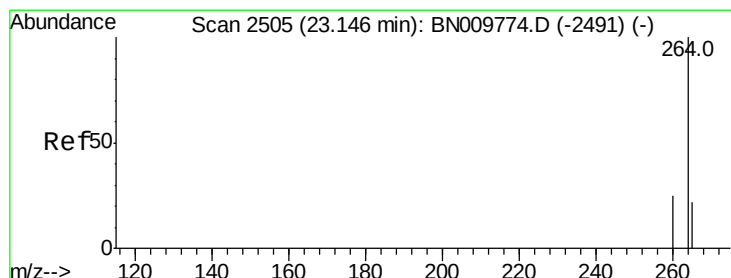
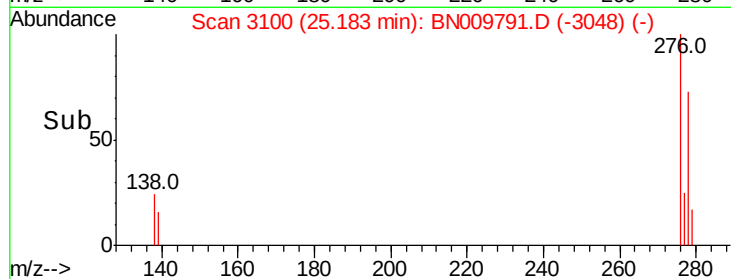
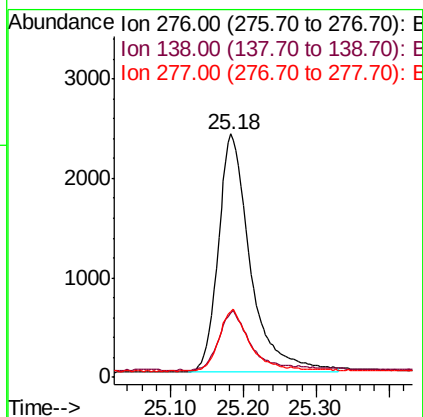
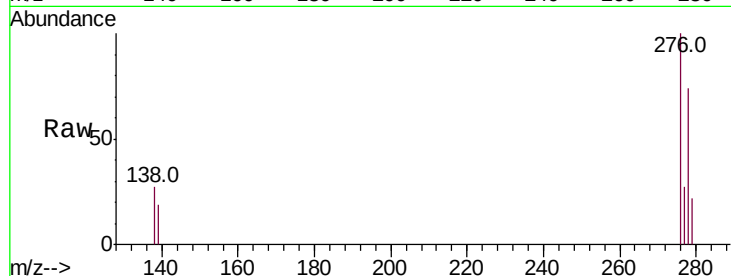




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.360 ng
 RT: 25.18 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BN009791.D
 Acq: 20 Feb 2020 22:36

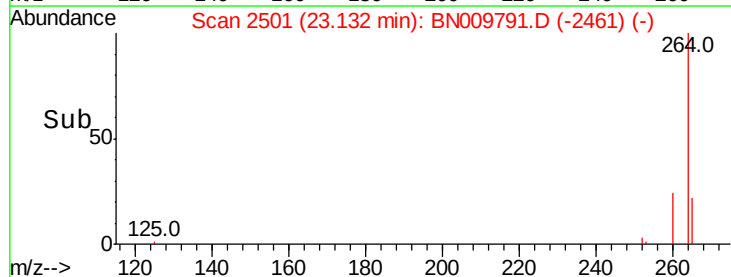
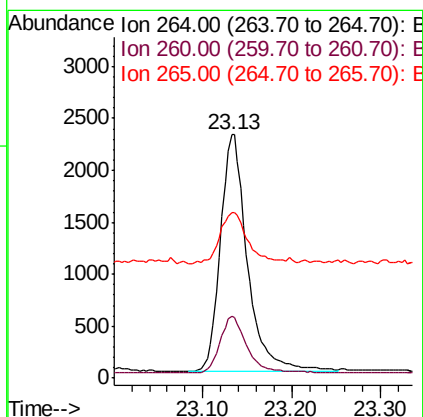
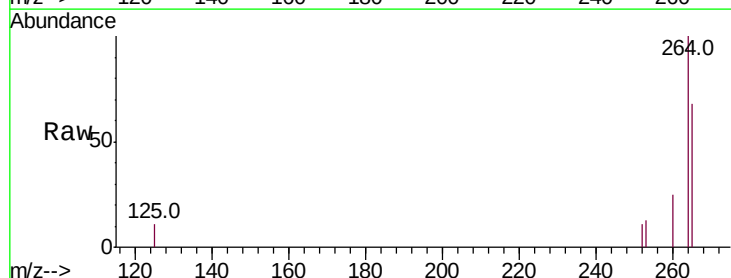
Instrument :
 BNA_N
 ClientSampleId :

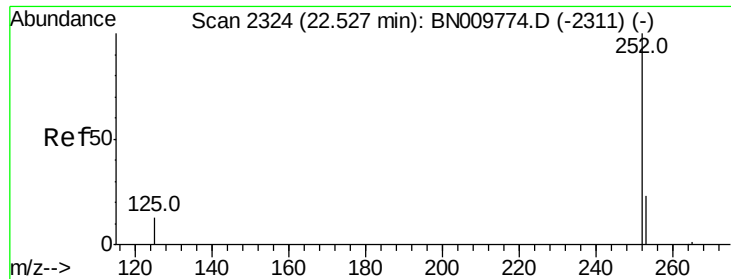
Tot Ion:276 Resp: 7355
 Ion Ratio Lower Upper
 276 100
 138 23.4 15.8 23.6
 277 23.9 19.3 28.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BN009791.D
 Acq: 20 Feb 2020 22:36

Tgt Ion:264 Resp: 4803
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.1 31.7
 265 68.0 57.5 86.3

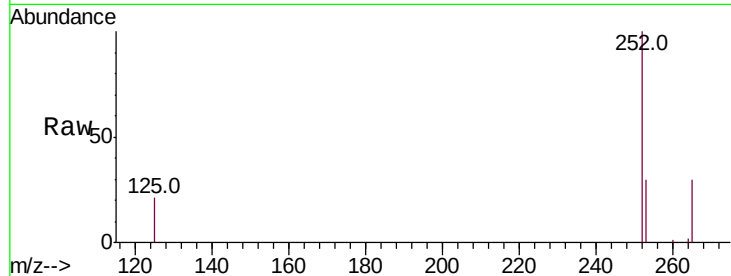




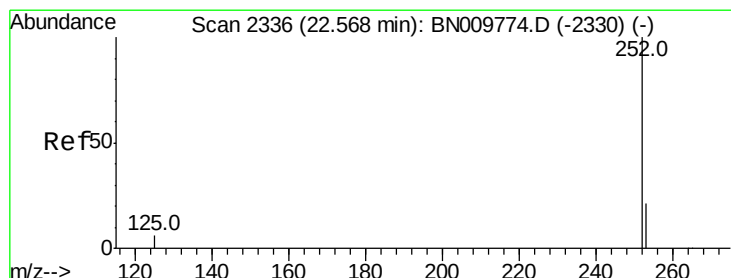
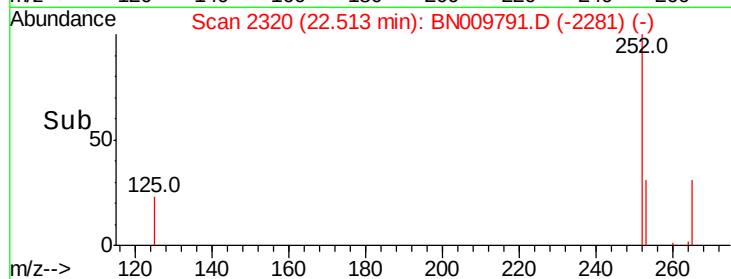
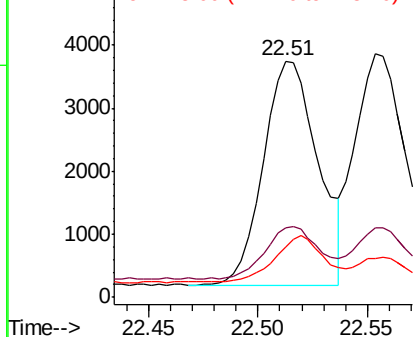
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN009791.D
Acq: 20 Feb 2020 22:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 6188
Ion Ratio Lower Upper
252 100
253 29.5 23.0 34.6
125 21.4 14.4 21.6

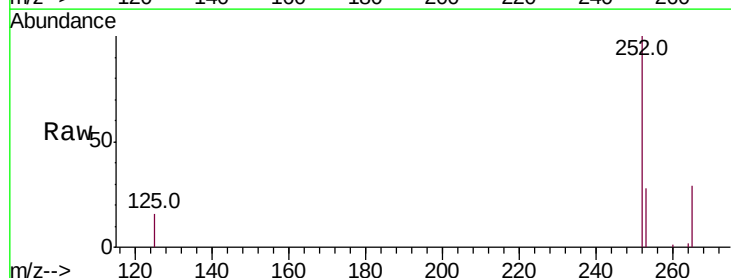


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

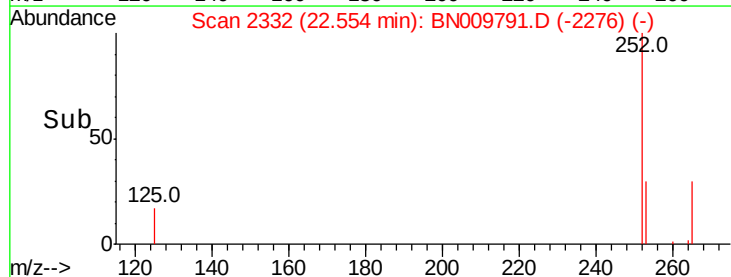
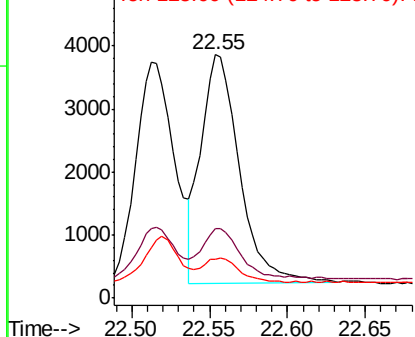


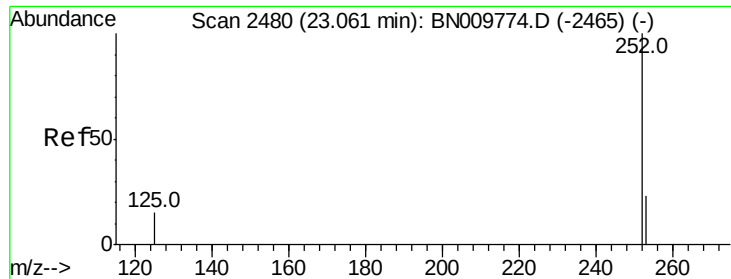
#36
Benzo(k)fluoranthene
Concen: 0.327 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009791.D
Acq: 20 Feb 2020 22:36

Tgt Ion:252 Resp: 6245
Ion Ratio Lower Upper
252 100
253 28.4 22.2 33.2
125 16.2 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: 0.386 ng

RT: 23.05 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :

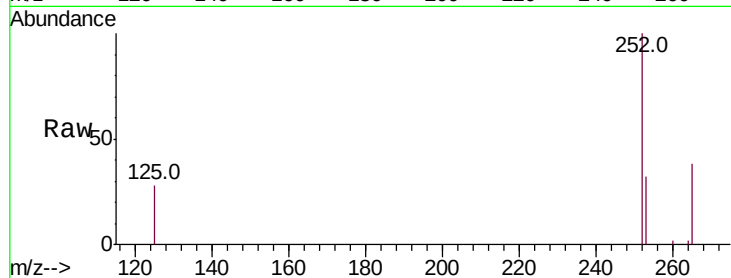
Tot Ion:252 Resp: 6183

Ion Ratio Lower Upper

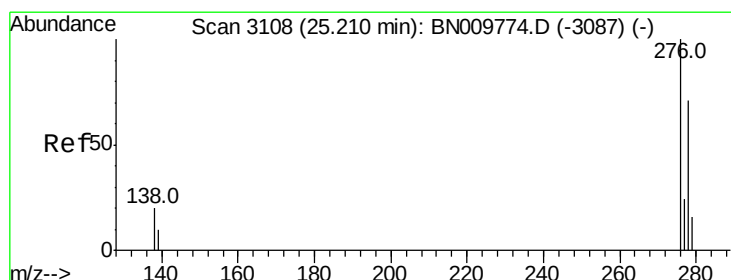
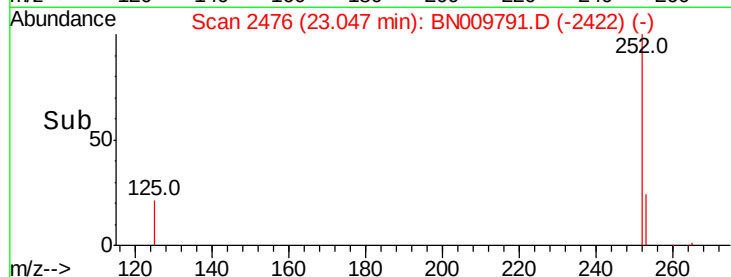
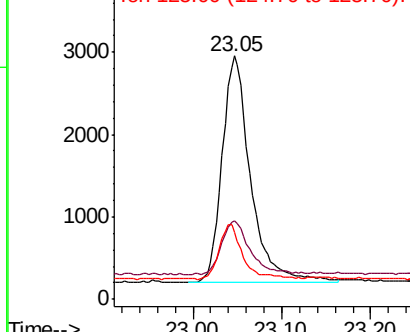
252 100

253 32.5 25.3 37.9

125 27.7 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: 0.384 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

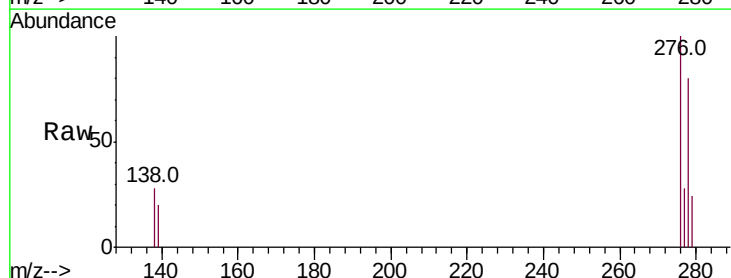
Tgt Ion:278 Resp: 6052

Ion Ratio Lower Upper

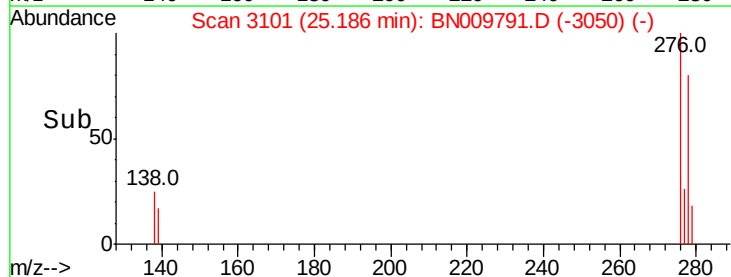
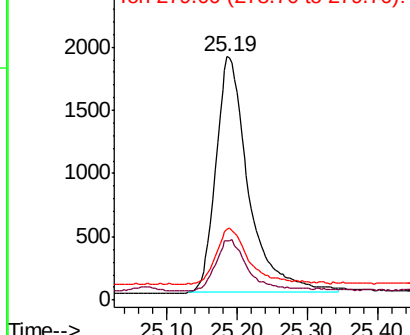
278 100

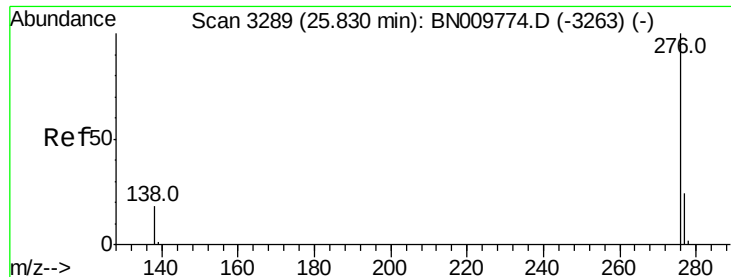
139 24.6 14.5 21.7#

279 29.2 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: 0.396 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.02 min

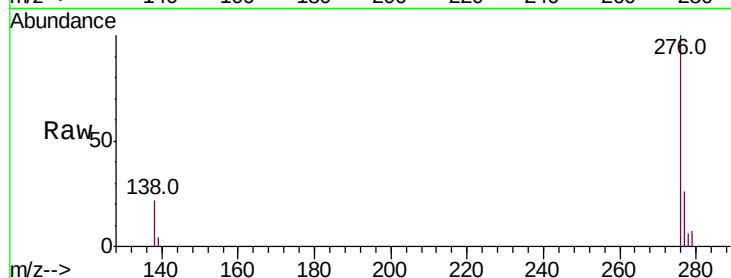
Lab File: BN009791.D

Acq: 20 Feb 2020 22:36

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 6660

Ion Ratio Lower Upper

276 100

277 26.1 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

