

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009781.D
 Acq On : 19 Feb 2020 17:22
 Operator : CG/JU
 Sample : L1468-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 04:23:19 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	7.42	152	1062	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3850	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2570	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	5930	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	6713	0.40	ng	-0.02
34) Perylene-d12	23.13	264	6457	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	946	0.40	ng	0.00
5) Phenol-d6	6.63	99	1192	0.41	ng	-0.02
8) Nitrobenzene-d5	8.58	82	1217	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.76	152	2118	0.28	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	427	0.43	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	3910	0.40	ng	-0.02
25) Fluoranthene-d10	18.84	212	6091	0.30	ng	-0.02
29) Terphenyl-d14	19.46	244	5742	0.36	ng	-0.02

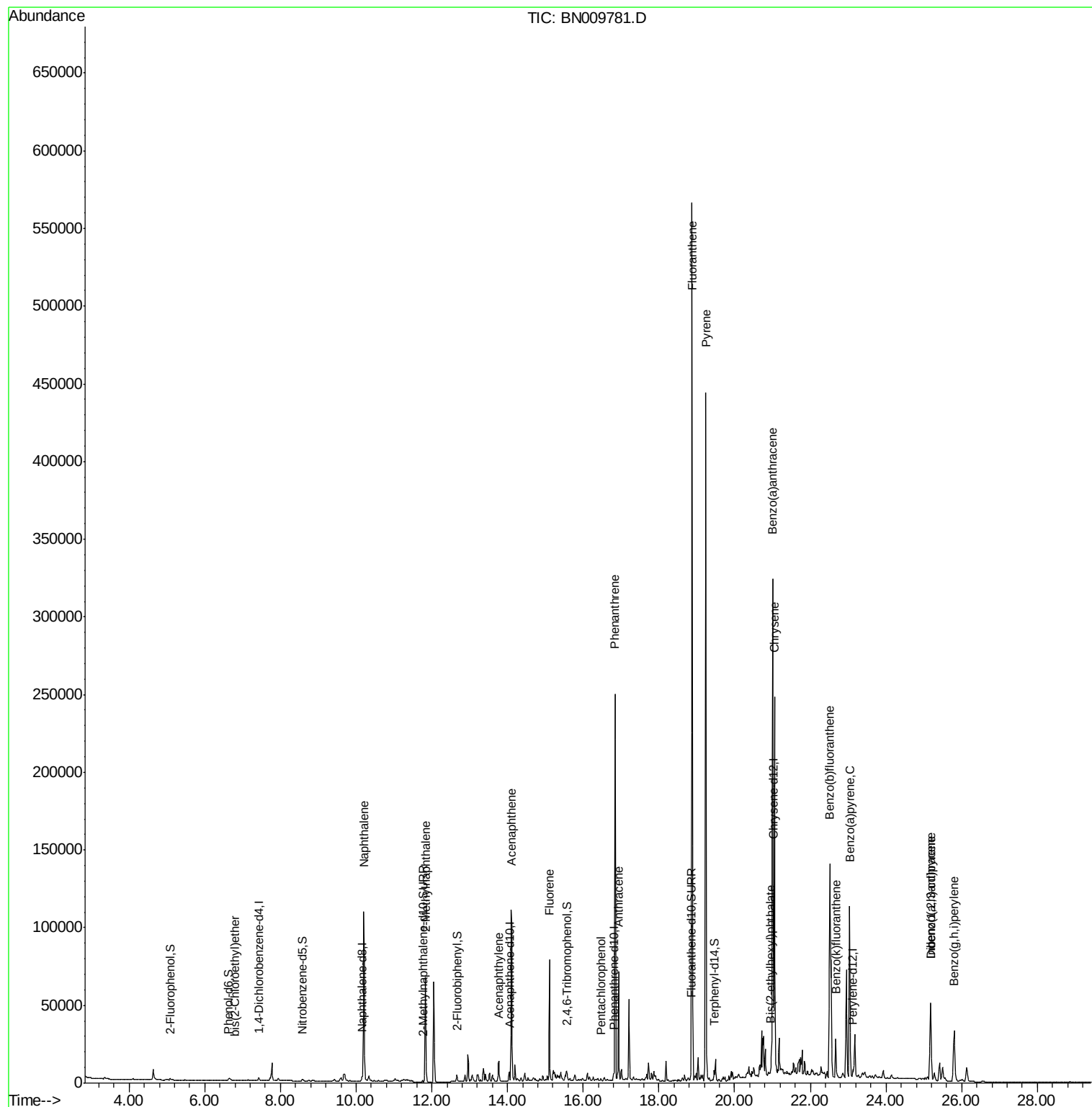
Target Compounds				Qvalue		
6) bis(2-Chloroethyl)ether	6.78	93	211	0.076	ng	# 13
9) Naphthalene	10.20	128	145448	13.851	ng	# 93
12) 2-Methylnaphthalene	11.83	142	50408	7.002	ng	98
16) Acenaphthylene	13.76	152	14039	1.281	ng	# 97
17) Acenaphthene	14.10	154	59982	7.786	ng	99
18) Fluorene	15.10	166	46247	4.549	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	118	Below Cal		# 1
22) Pentachlorophenol	16.48	266	6	0.183	ng	# 77
23) Phenanthrene	16.84	178	264130	14.966	ng	99
24) Anthracene	16.93	178	69972	4.690	ng	# 96
26) Fluoranthene	18.87	202	484152	22.911	ng	99
28) Pyrene	19.24	202	400388	15.707	ng	# 95
30) Benzo(a)anthracene	21.00	228	258502	11.604	ng	99
31) Chrysene	21.06	228	213252	8.274	ng	96
32) Bis(2-ethylhexyl)phthalate	20.96	149	1102	0.101	ng	95
33) Indeno(1,2,3-cd)pyrene	25.18	276	69097	2.574	ng	98
35) Benzo(b)fluoranthene	22.51	252	208181	8.819	ng	# 86
36) Benzo(k)fluoranthene	22.67	252	31816	1.238	ng	99
37) Benzo(a)pyrene	23.04	252	143984	6.685	ng	# 81
38) Dibenzo(a,h)anthracene	25.18	278	20938	0.987	ng	99
39) Benzo(g,h,i)perylene	25.80	276	61286	2.713	ng	96

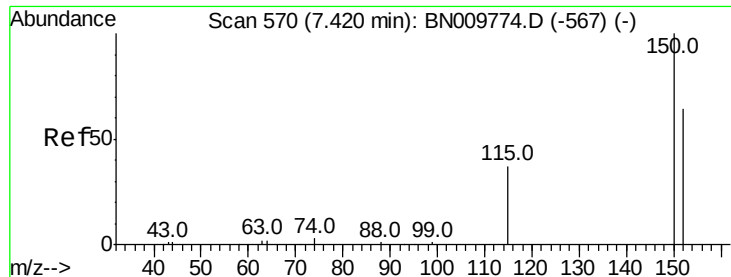
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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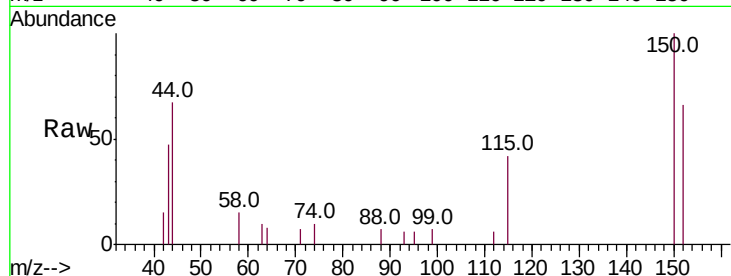


#1

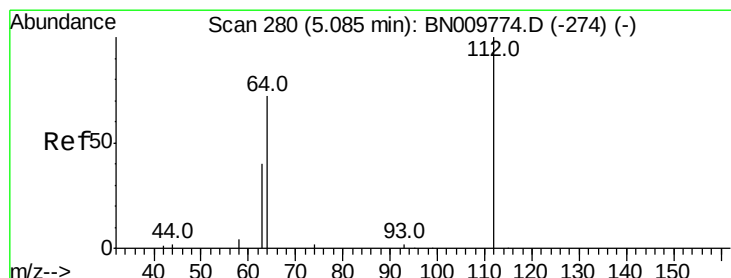
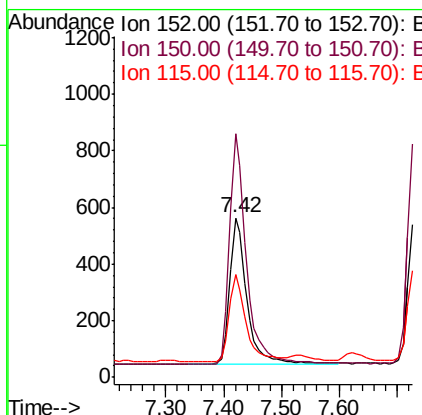
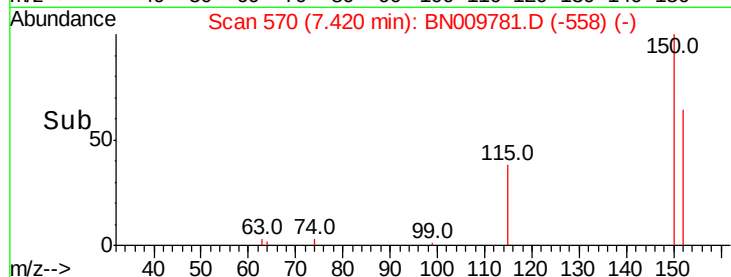
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009781.D
Acq: 19 Feb 2020 17:22

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1062
Ion Ratio Lower Upper
152 100
150 152.5 120.6 181.0
115 64.5 51.2 76.8



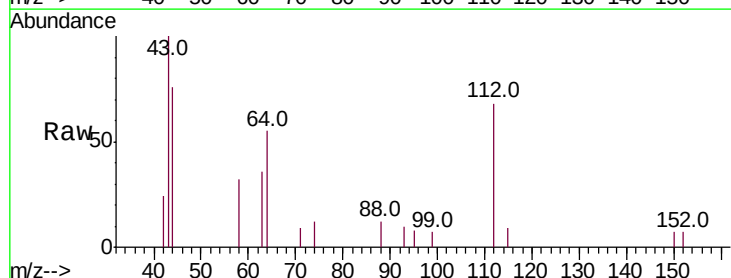
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



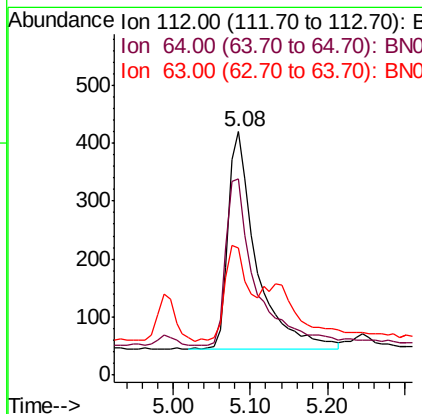
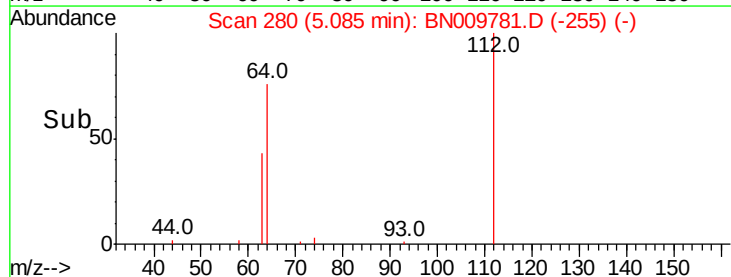
#4

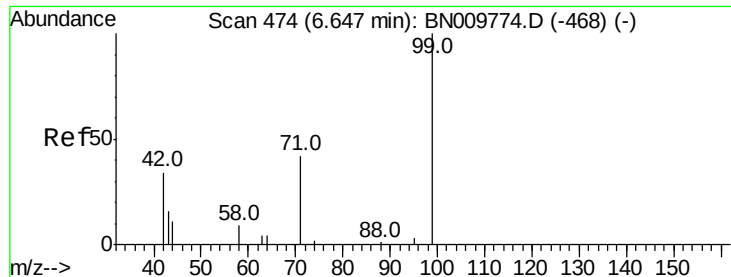
2-Fluorophenol
Concen: 0.401 ng
RT: 5.08 min Scan# 280
Delta R.T. -0.00 min
Lab File: BN009781.D
Acq: 19 Feb 2020 17:22

Tgt Ion:112 Resp: 946
Ion Ratio Lower Upper
112 100
64 81.9 65.8 98.6
63 37.9 38.7 58.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.415 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

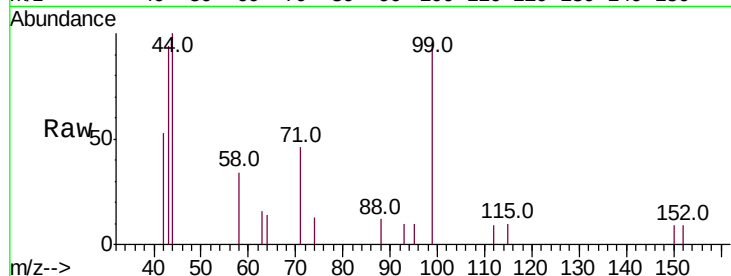
Tot Ion: 99 Resp: 1192

Ion Ratio Lower Upper

99 100

42 46.9 30.8 46.2#

71 42.5 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009781.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN009781.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN009781.D (-462) (-)

6.63

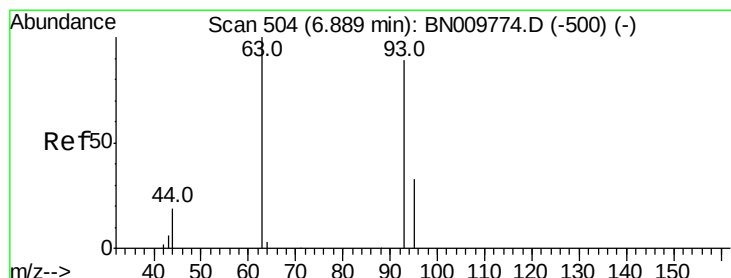
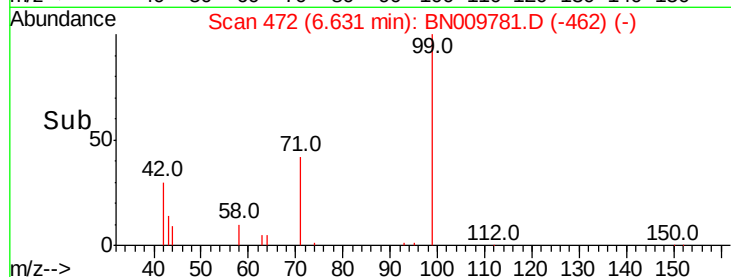
400

200

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.076 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.10 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

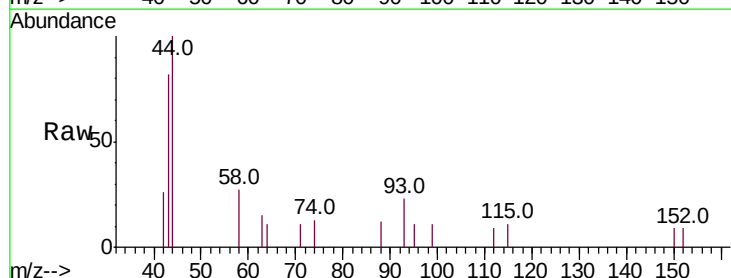
Tgt Ion: 93 Resp: 211

Ion Ratio Lower Upper

93 100

63 0.0 74.0 111.0#

95 0.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN009781.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN009781.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN009781.D (-479) (-)

400

300

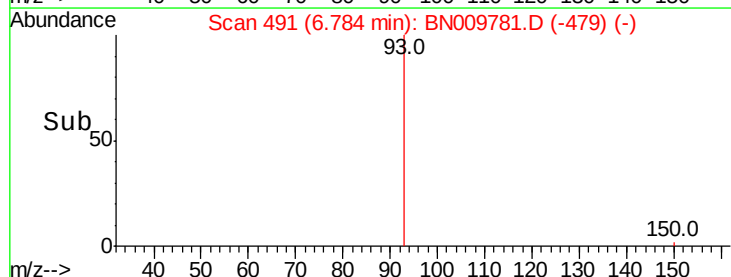
200

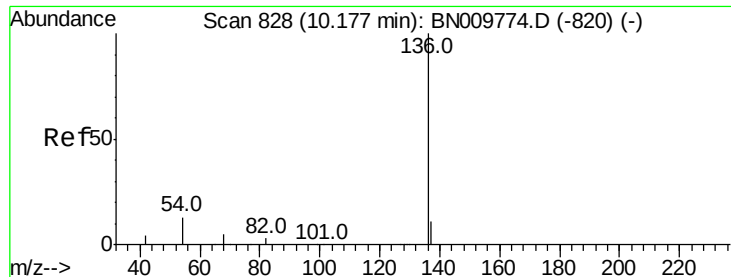
100

0

6.70 6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3850

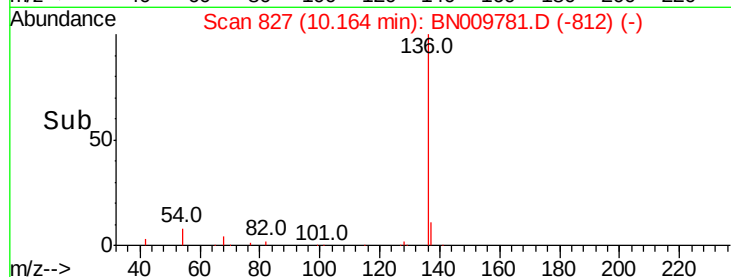
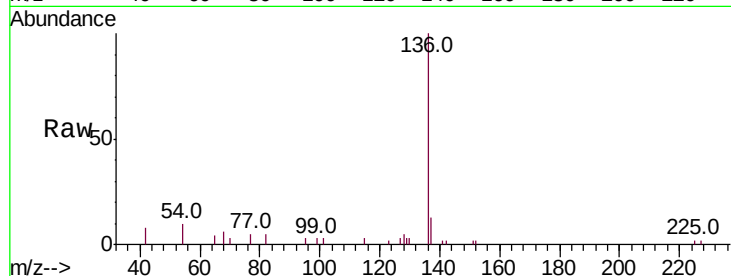
Ion Ratio Lower Upper

136 100

137 13.3 11.3 16.9

54 10.5 13.4 20.2#

68 6.2 7.0 10.4#

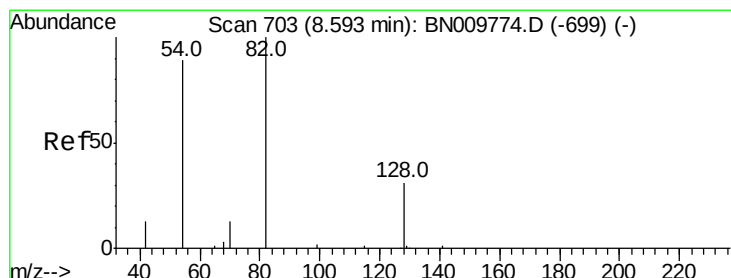
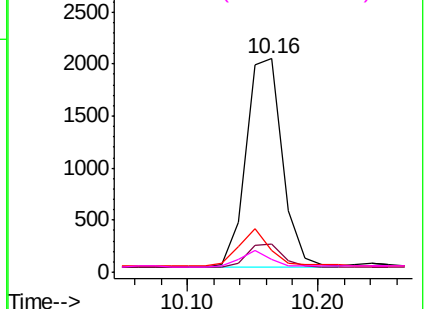


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

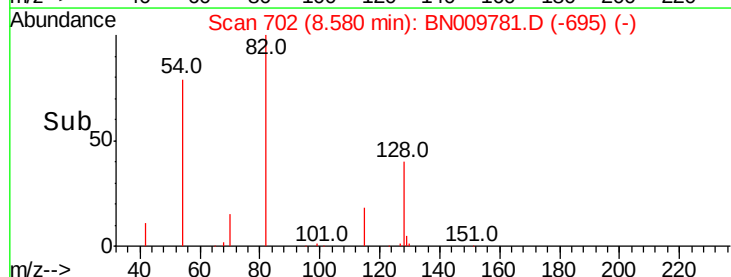
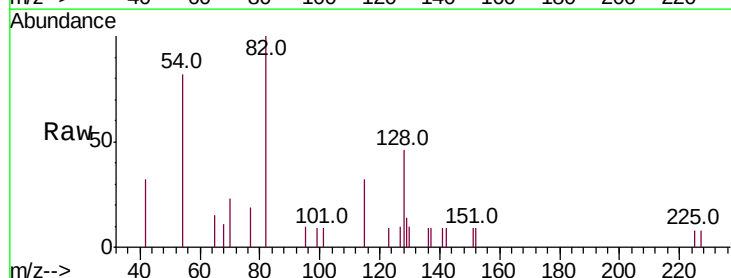
Tgt Ion: 82 Resp: 1217

Ion Ratio Lower Upper

82 100

128 45.7 32.5 48.7

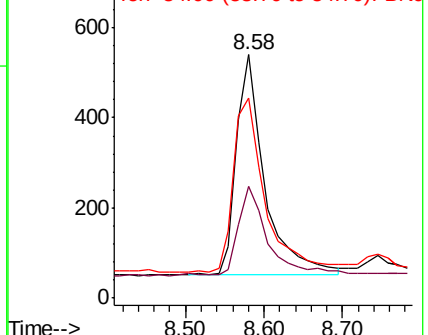
54 82.4 73.5 110.3

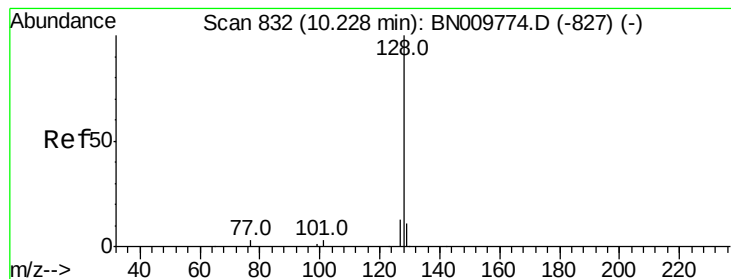


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 13.851 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

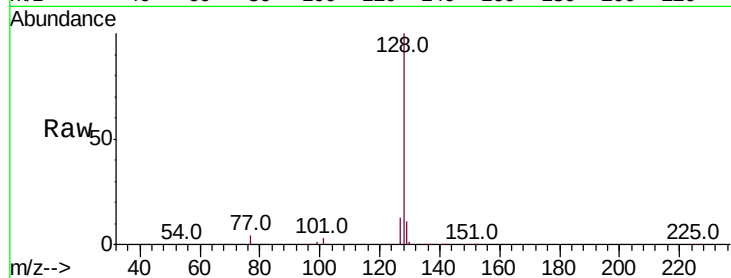
Tot Ion:128 Resp: 145448

Ion Ratio Lower Upper

128 100

129 11.0 11.1 16.7#

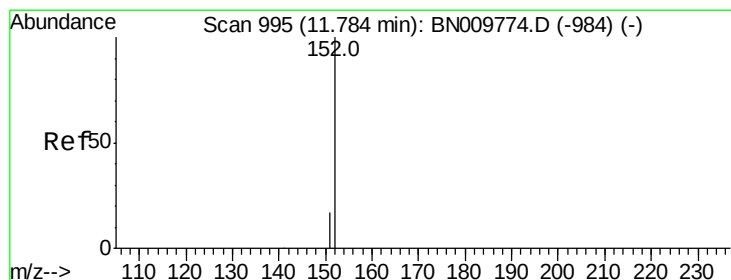
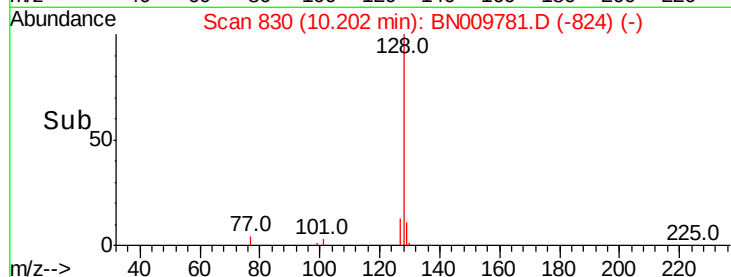
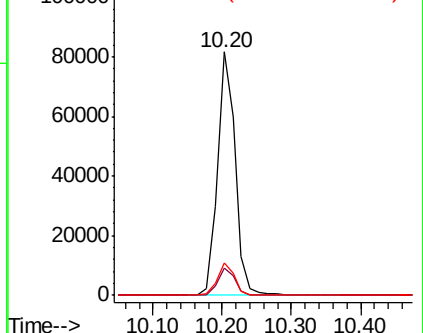
127 13.2 12.6 19.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN009781.D

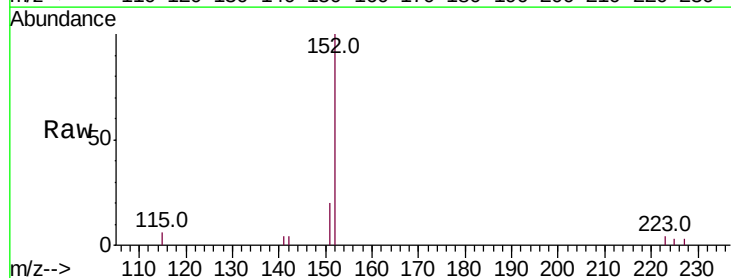
Acq: 19 Feb 2020 17:22

Tgt Ion:152 Resp: 2118

Ion Ratio Lower Upper

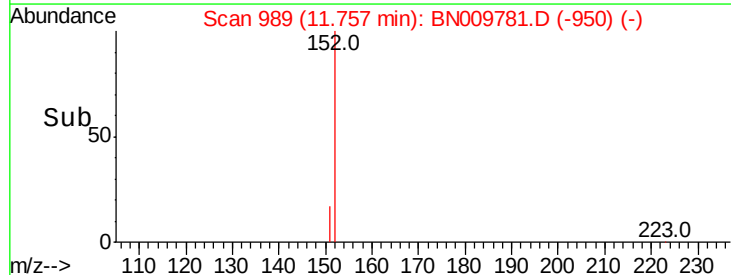
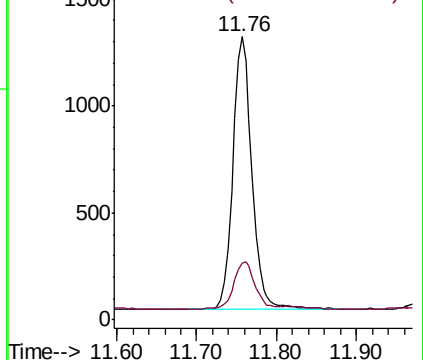
152 100

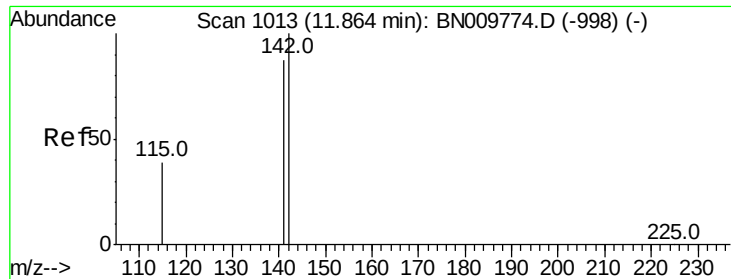
151 19.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 7.002 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

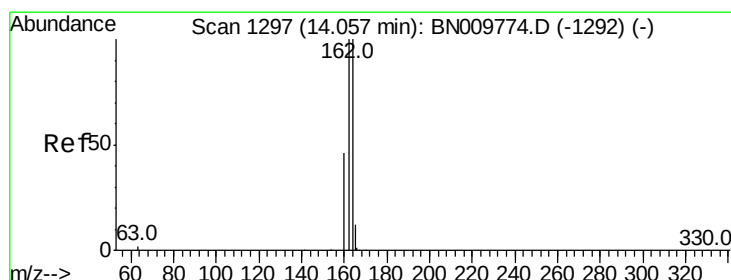
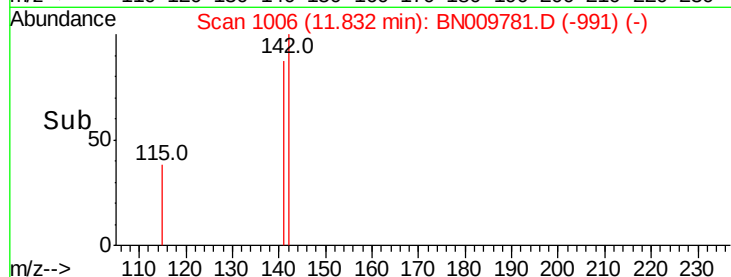
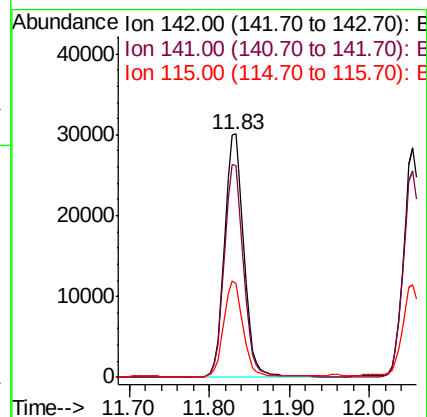
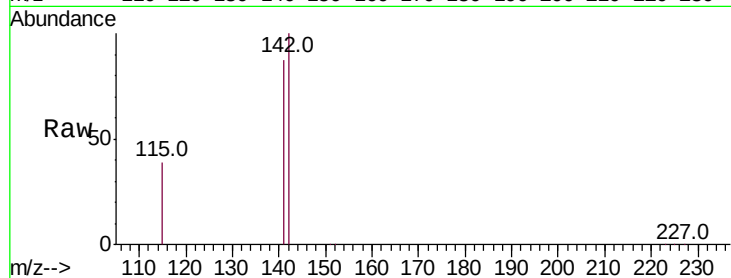
Tot Ion:142 Resp: 50408

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

115 38.6 34.6 52.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

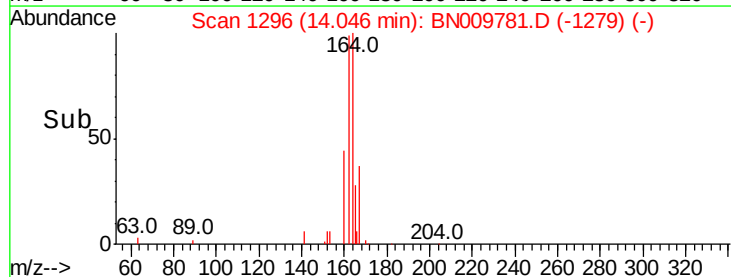
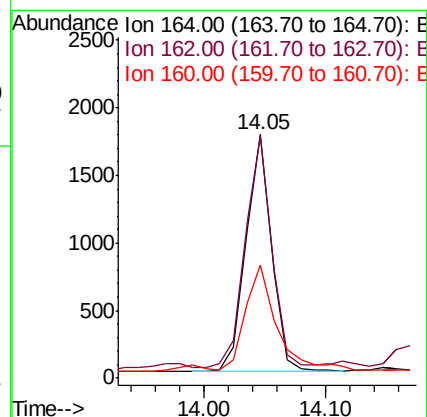
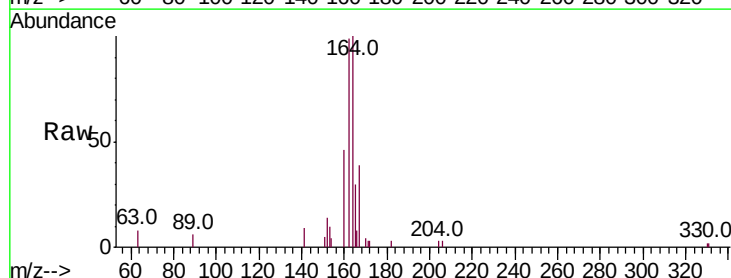
Tgt Ion:164 Resp: 2570

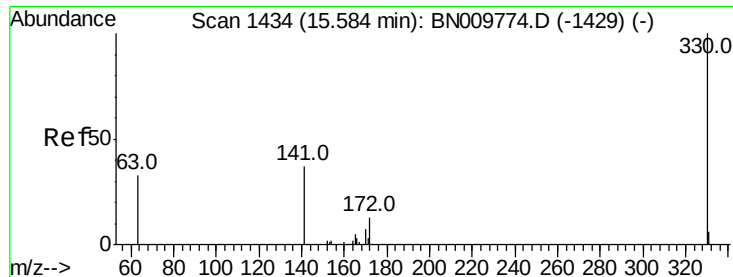
Ion Ratio Lower Upper

164 100

162 99.4 79.9 119.9

160 46.2 38.2 57.2

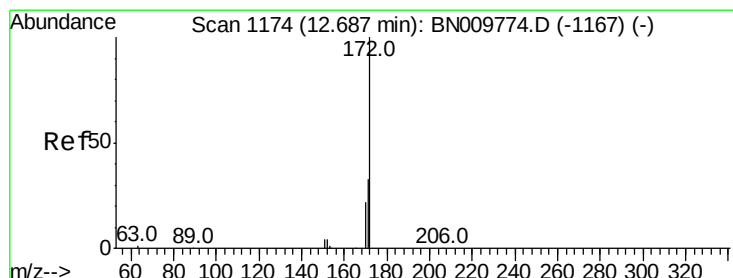
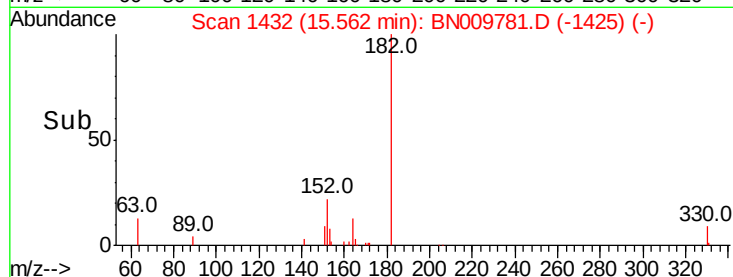
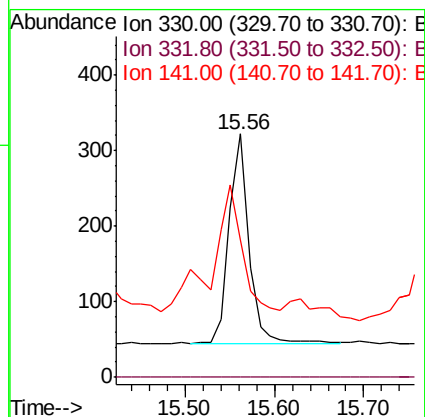
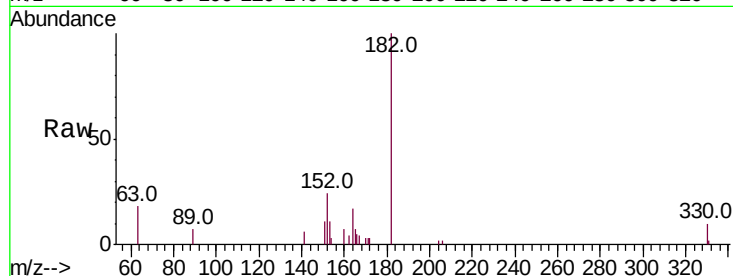




#14
 2,4,6-Tribromophenol
 Concen: 0.431 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN009781.D
 Acq: 19 Feb 2020 17:22

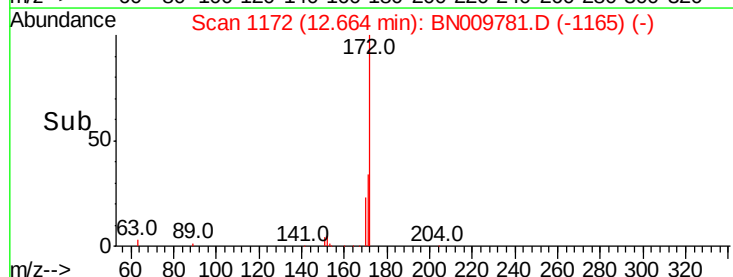
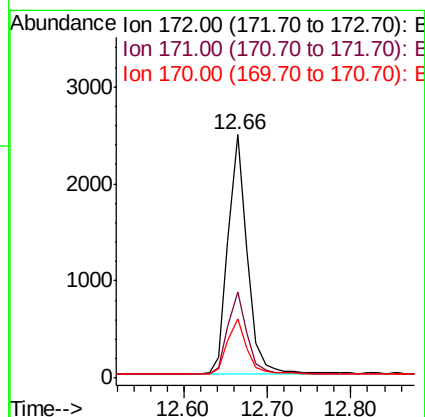
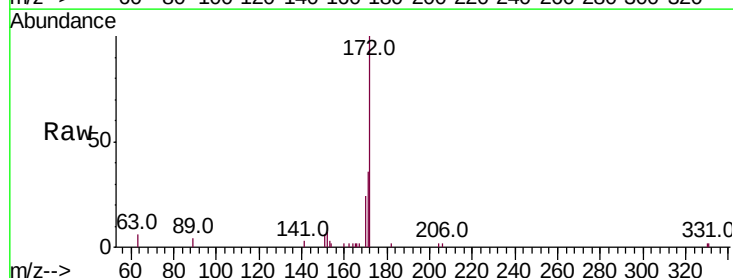
Instrument :
 BNA_N
 ClientSampleId :

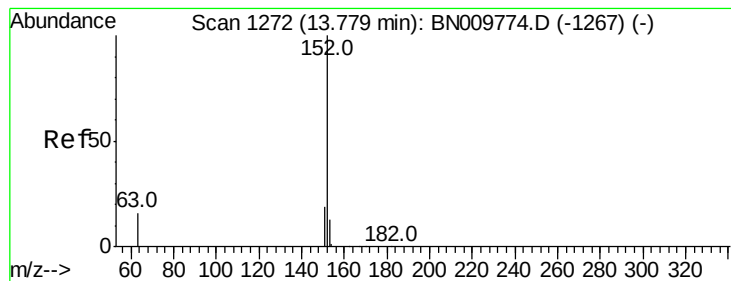
Tot Ion:330 Resp: 427
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 83.4 36.8 55.2#



#15
 2-Fluorobiphenyl
 Concen: 0.403 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BN009781.D
 Acq: 19 Feb 2020 17:22

Tgt Ion:172 Resp: 3910
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 24.2 20.1 30.1





#16

Acenaphthylene

Concen: 1.281 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

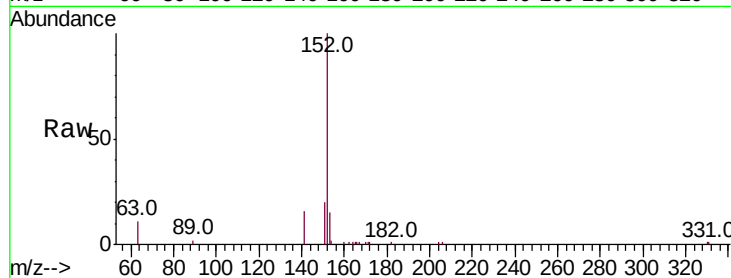
Tot Ion:152 Resp: 14039

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

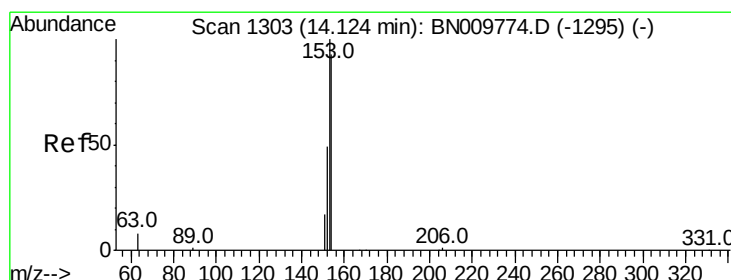
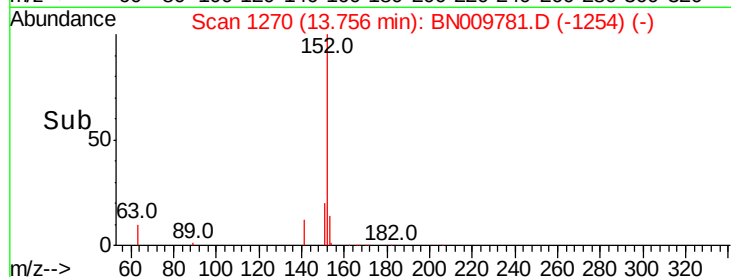
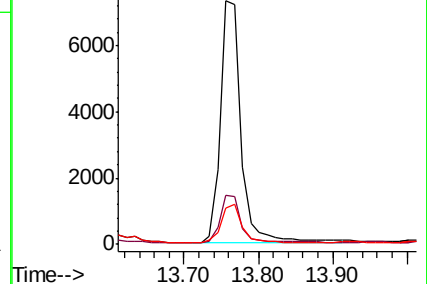
153 15.9 10.2 15.4#



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: 7.786 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

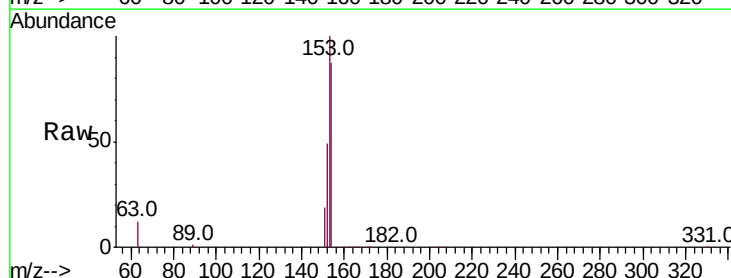
Tgt Ion:154 Resp: 59982

Ion Ratio Lower Upper

154 100

153 111.5 88.9 133.3

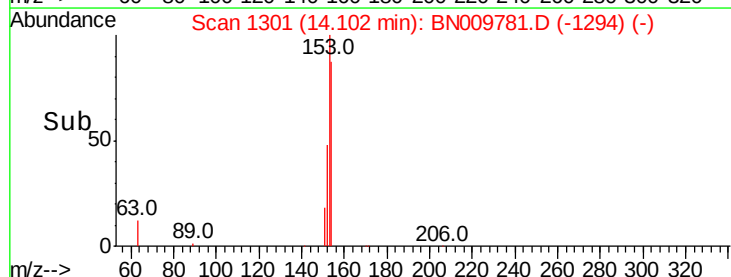
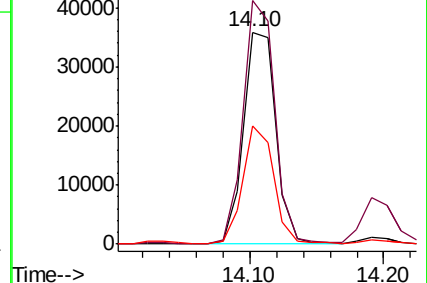
152 53.3 44.2 66.2

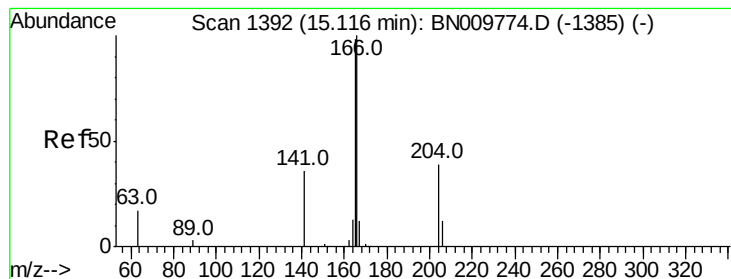


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 4.549 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

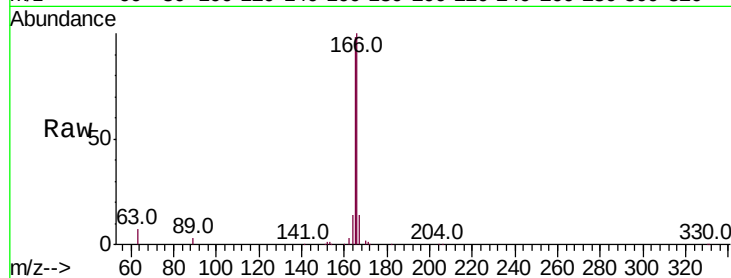
Tot Ion:166 Resp: 46247

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

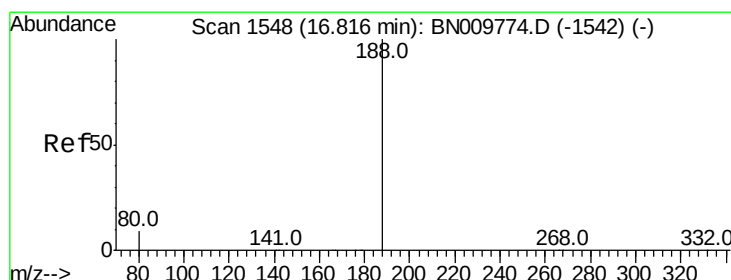
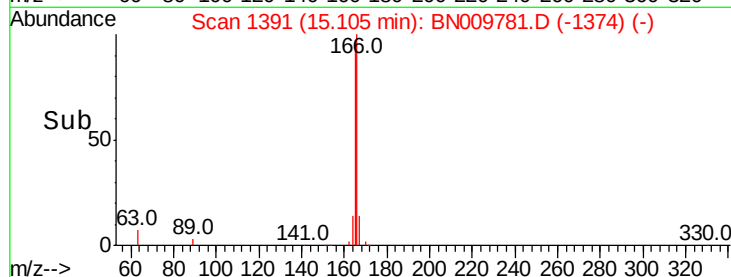
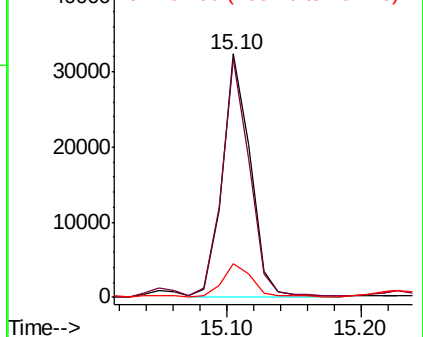
167 14.3 10.5 15.7



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: BN009781.D

Acq: 19 Feb 2020 17:22

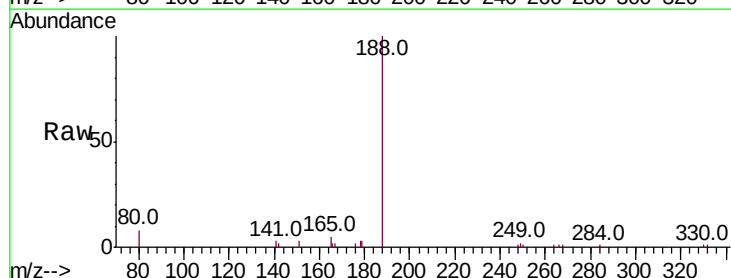
Tgt Ion:188 Resp: 5930

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

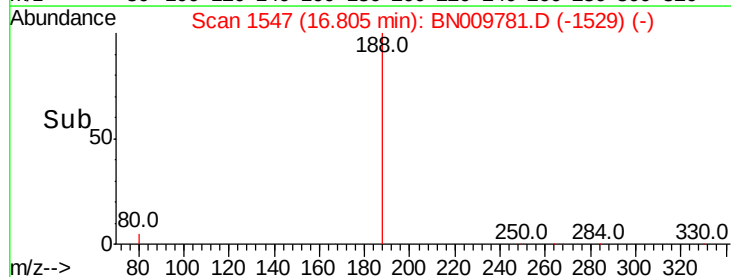
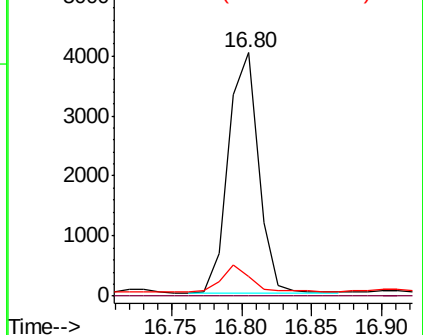
80 8.2 8.3 12.5#

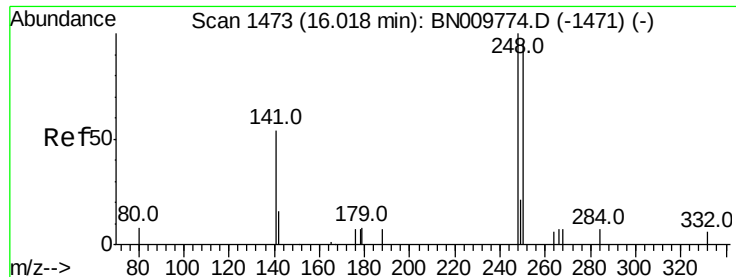


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampled :

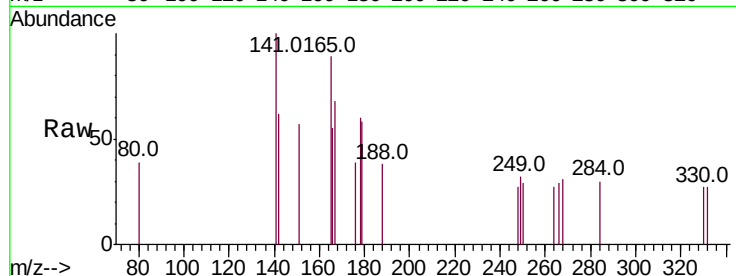
Tot Ion:248 Resp: 118

Ion Ratio Lower Upper

248 100

250 106.5 76.2 114.4

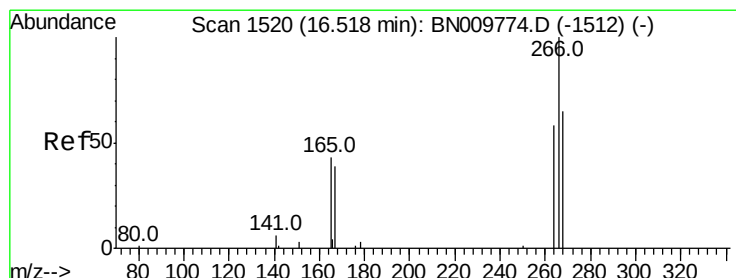
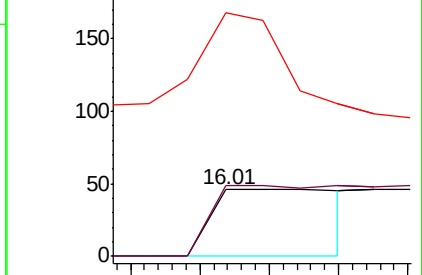
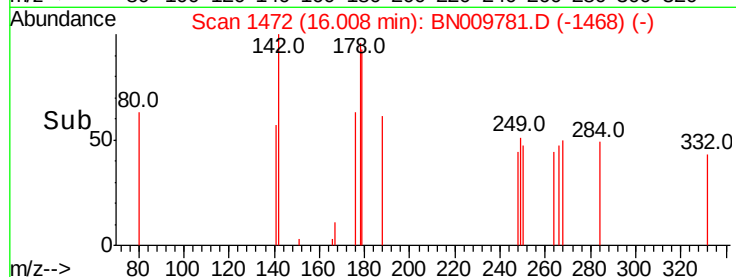
141 365.2 57.8 86.6#



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



#22

Pentachlorophenol

Concen: 0.183 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

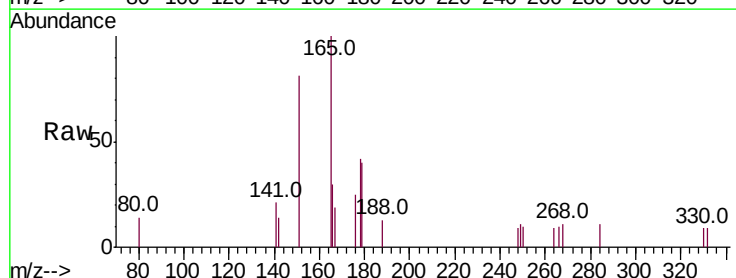
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 90.4 58.1 87.1#

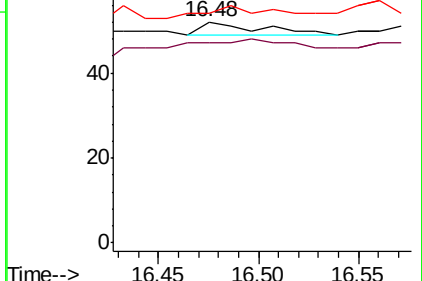
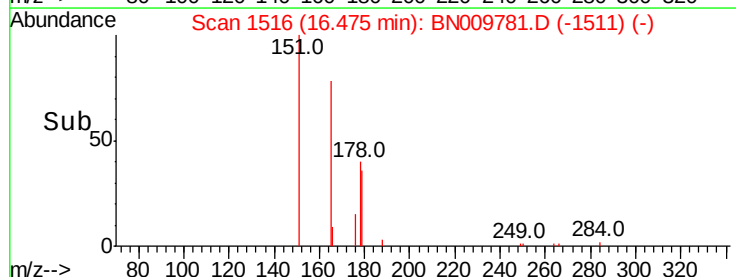
268 103.8 65.7 98.5#

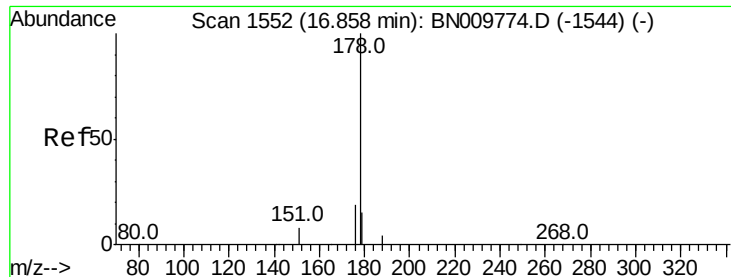


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 14.966 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

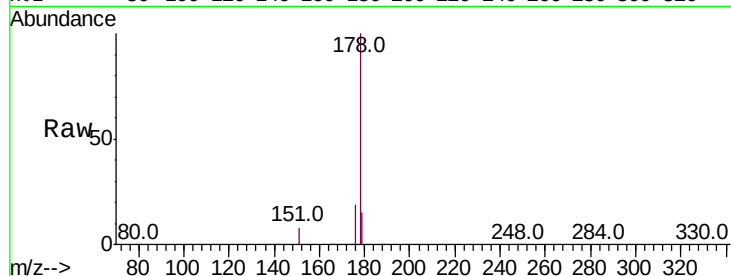
Tot Ion:178 Resp: 264130

Ion Ratio Lower Upper

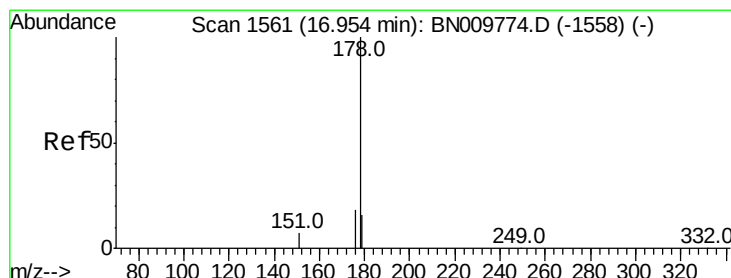
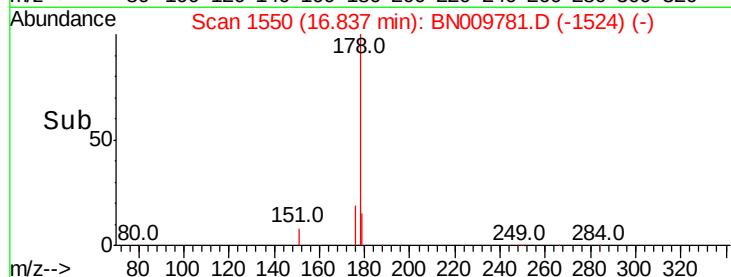
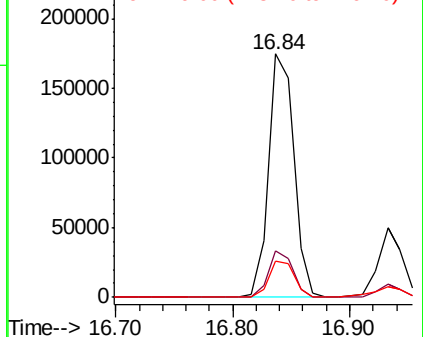
178 100

176 18.6 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



#24

Anthracene

Concen: 4.690 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

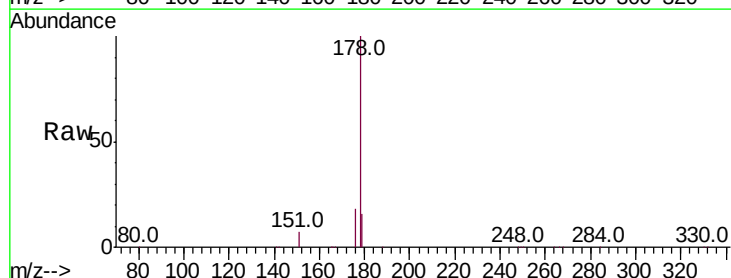
Tgt Ion:178 Resp: 69972

Ion Ratio Lower Upper

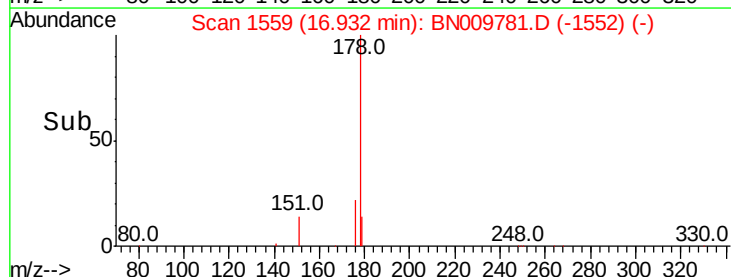
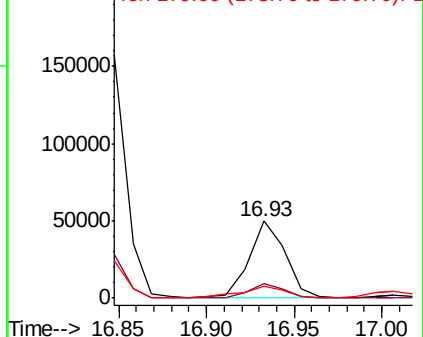
178 100

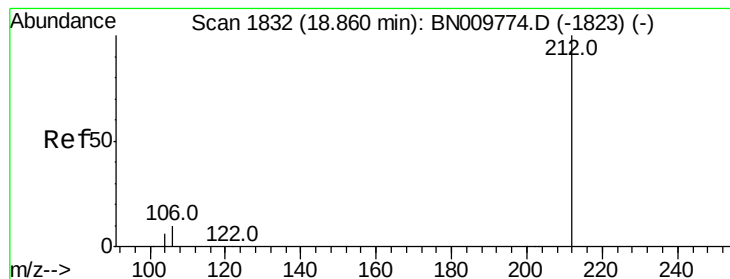
176 18.1 14.3 21.5

179 18.7 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: 0.297 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

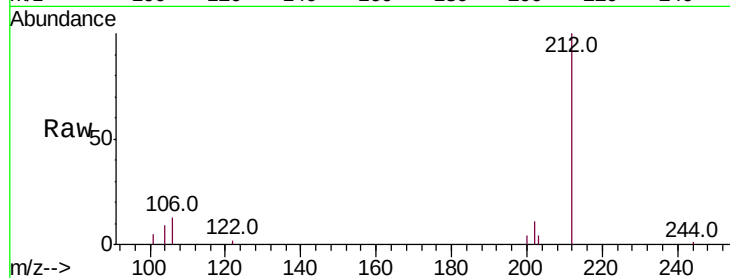
Tot Ion:212 Resp: 6091

Ion Ratio Lower Upper

212 100

106 11.3 8.4 12.6

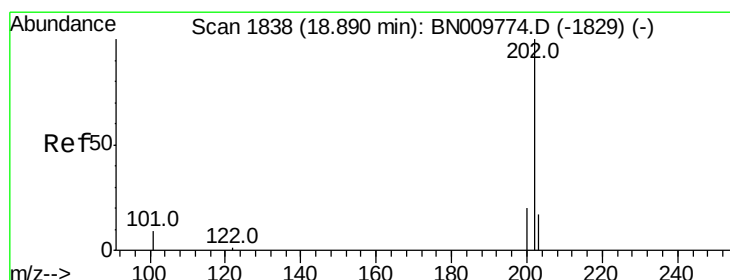
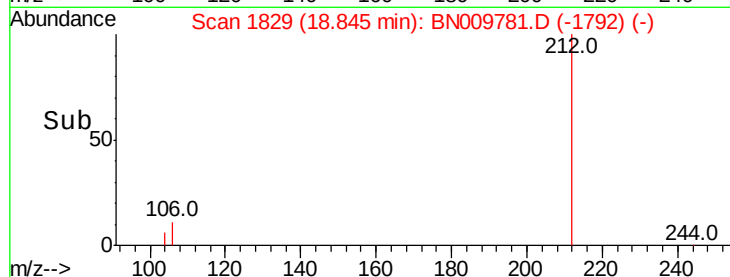
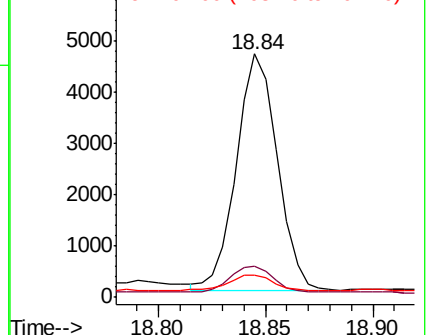
104 7.9 4.8 7.2#



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: 22.911 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

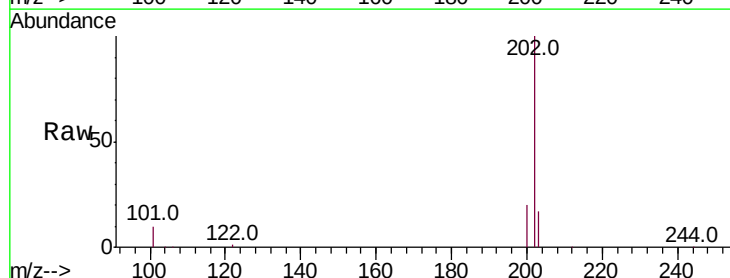
Tgt Ion:202 Resp: 484152

Ion Ratio Lower Upper

202 100

101 9.6 7.1 10.7

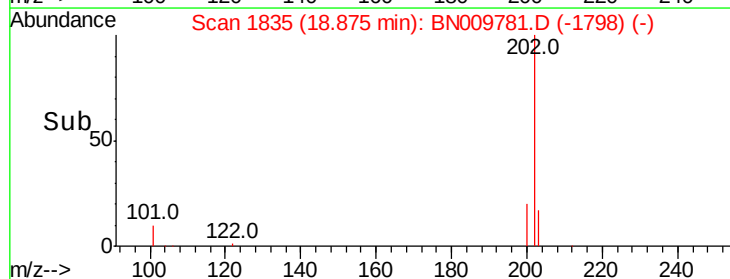
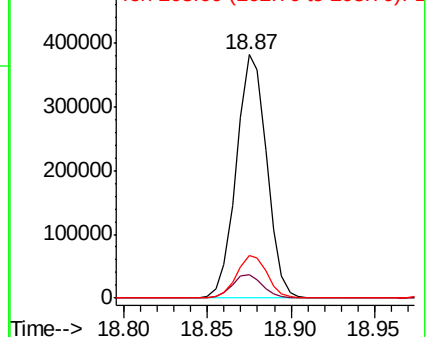
203 17.5 13.8 20.6

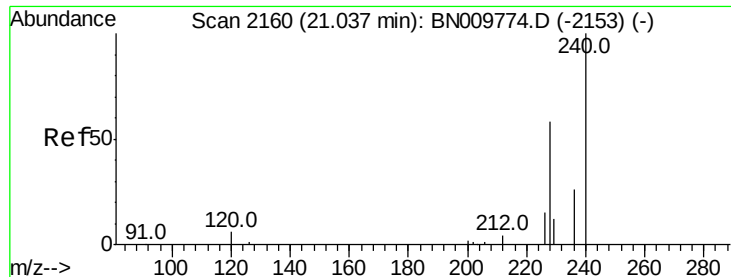


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

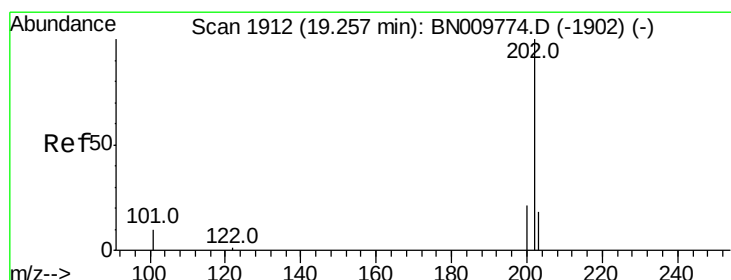
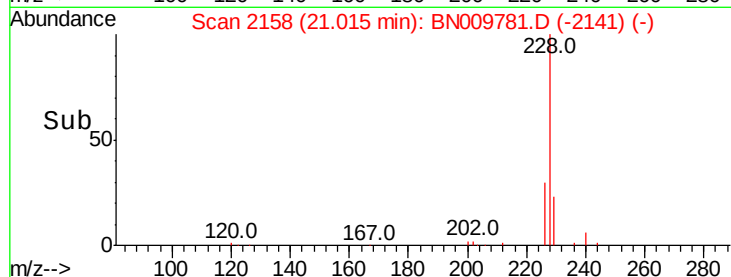
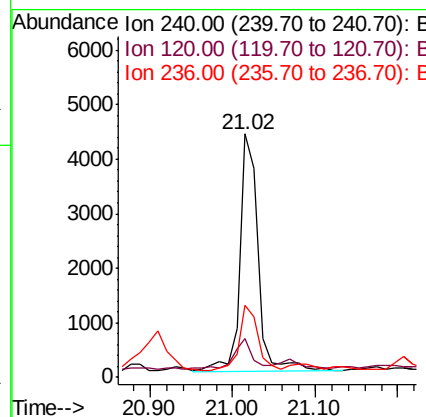
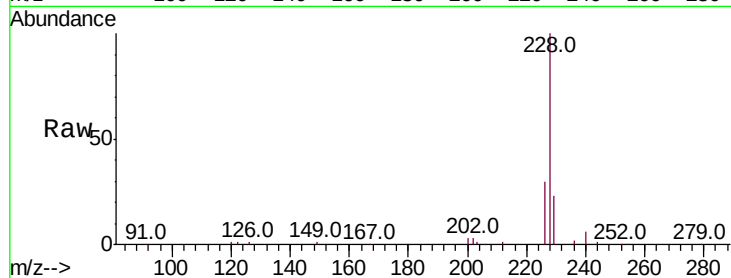




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BN009781.D
Acq: 19 Feb 2020 17:22

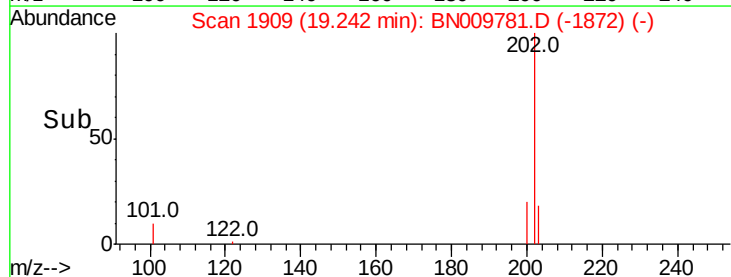
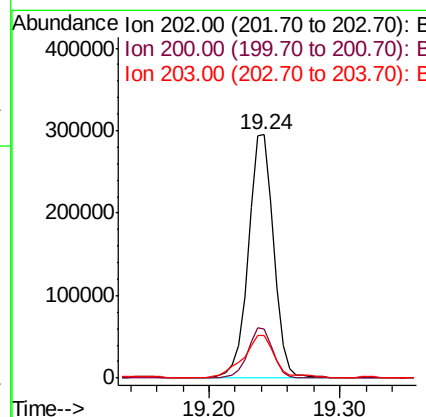
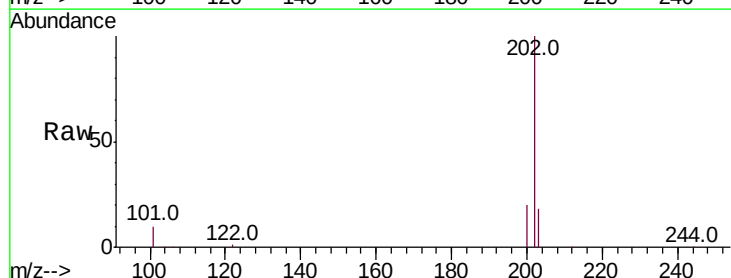
Instrument :
BNA_N
ClientSampleId :

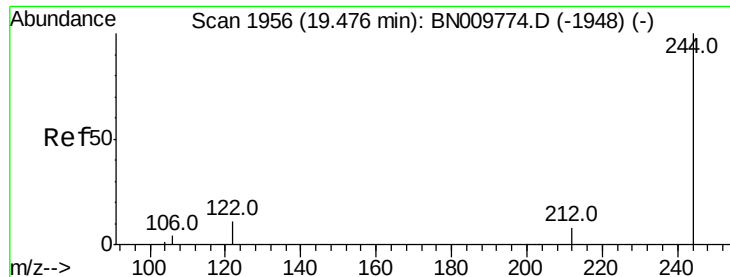
Tot Ion:240 Resp: 6713
Ion Ratio Lower Upper
240 100
120 16.0 7.9 11.9#
236 29.9 22.0 33.0



#28
Pyrene
Concen: 15.707 ng
RT: 19.24 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BN009781.D
Acq: 19 Feb 2020 17:22

Tgt Ion:202 Resp: 400388
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 22.0 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.358 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

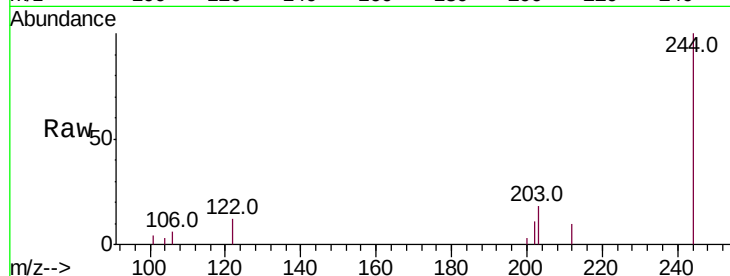
Tot Ion:244 Resp: 5742

Ion Ratio Lower Upper

244 100

212 9.8 8.0 12.0

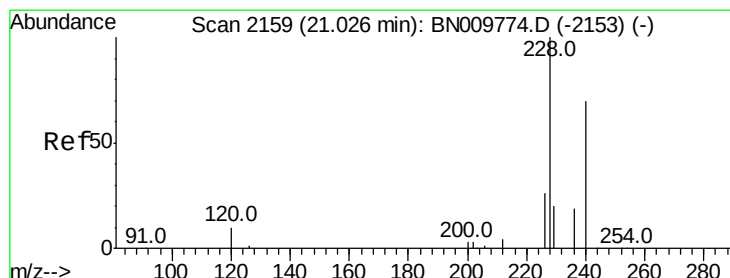
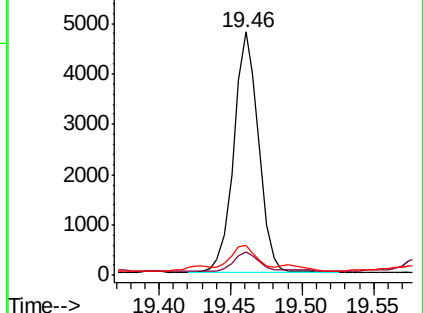
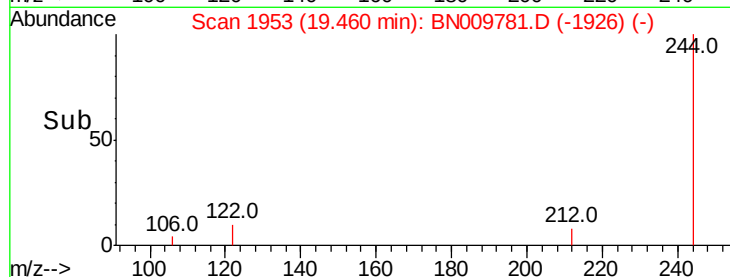
122 12.4 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 11.604 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

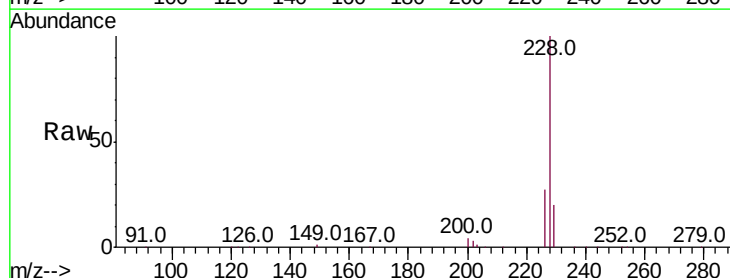
Tgt Ion:228 Resp: 258502

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

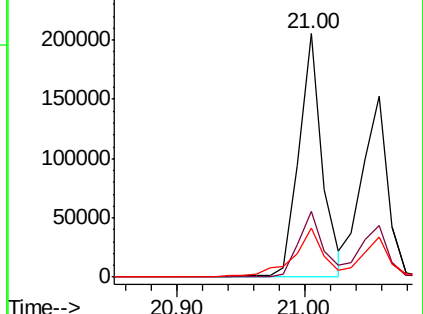
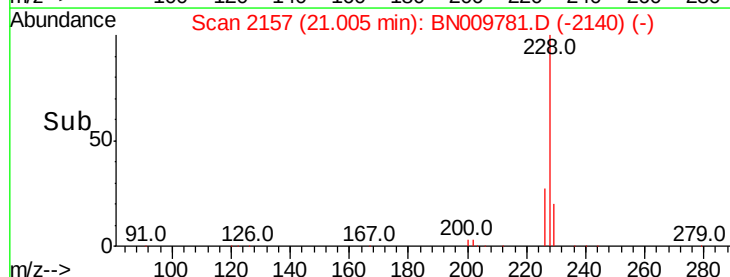
229 20.1 17.1 25.7

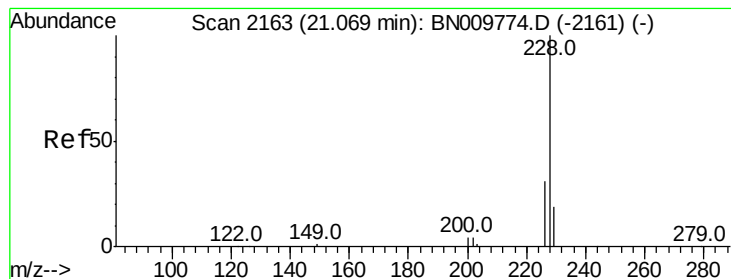


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 8.274 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

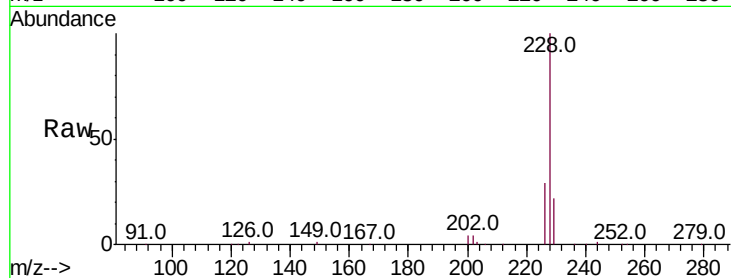
Tot Ion:228 Resp: 213252

Ion Ratio Lower Upper

228 100

226 28.7 24.8 37.2

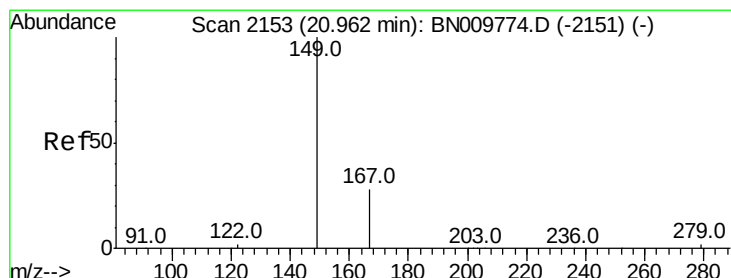
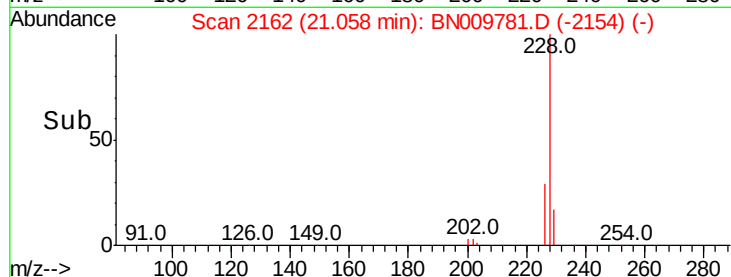
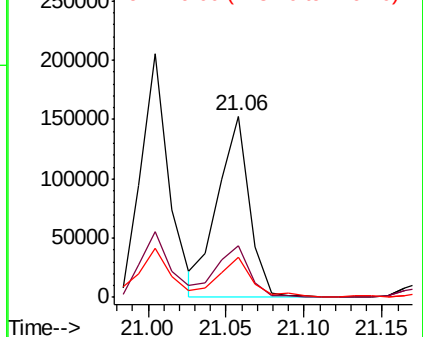
229 22.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

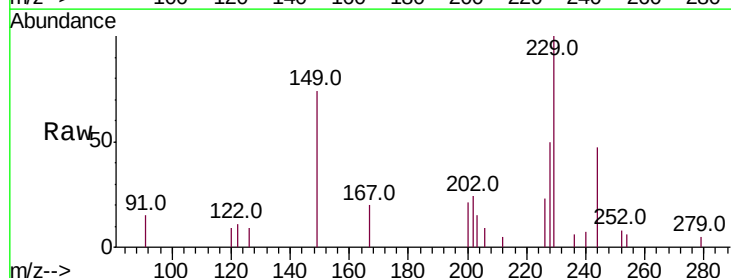
Tgt Ion:149 Resp: 1102

Ion Ratio Lower Upper

149 100

167 31.6 22.7 34.1

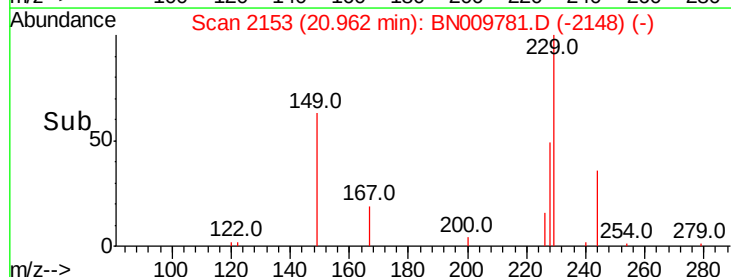
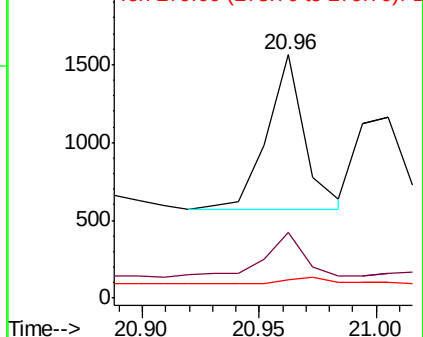
279 4.1 3.1 4.7

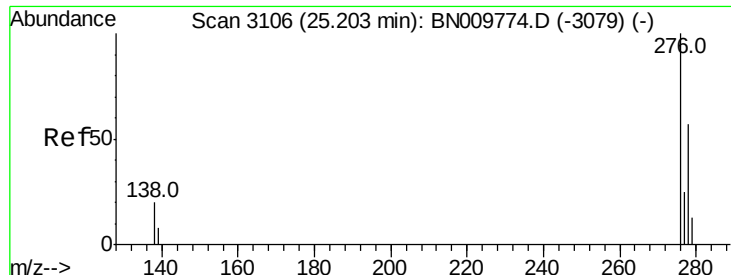


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.574 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

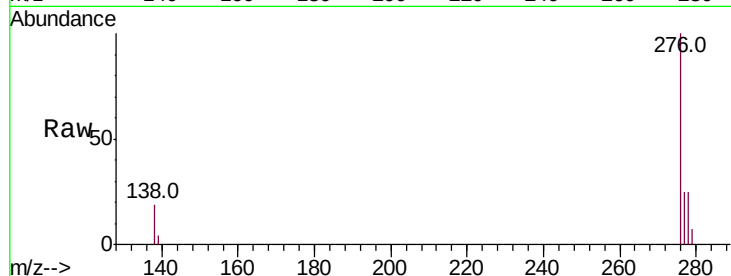
Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :



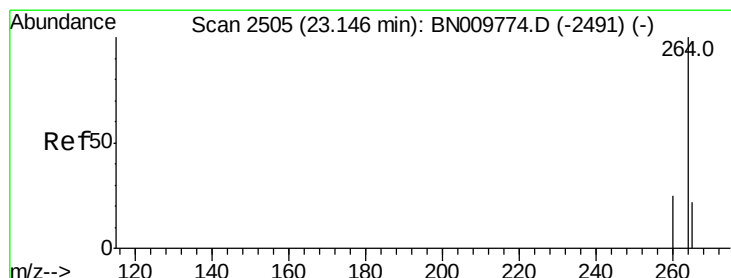
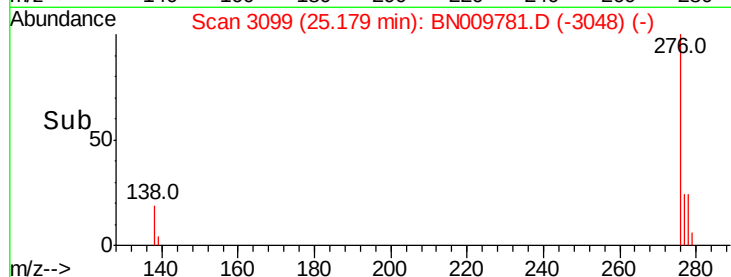
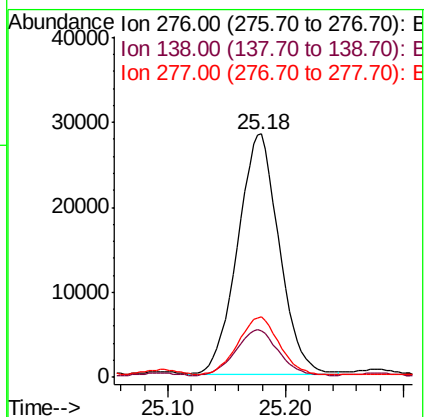
Tot Ion:276 Resp: 69097

Ion Ratio Lower Upper

276 100

138 20.8 15.8 23.6

277 24.7 19.3 28.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

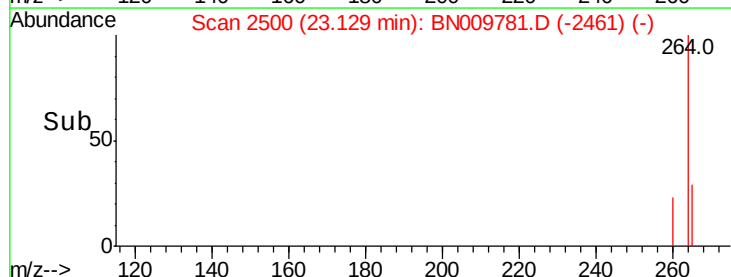
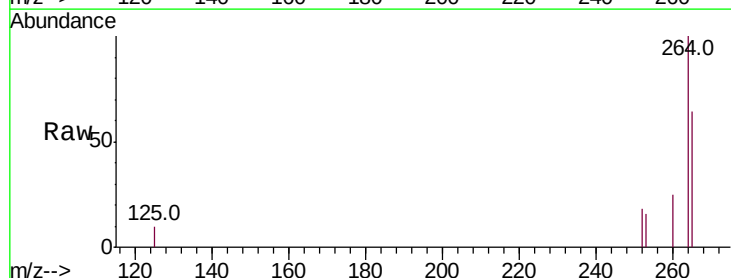
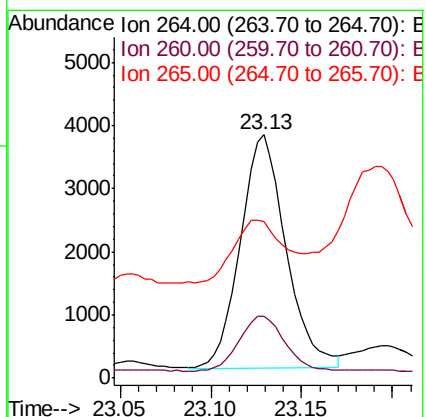
Tgt Ion:264 Resp: 6457

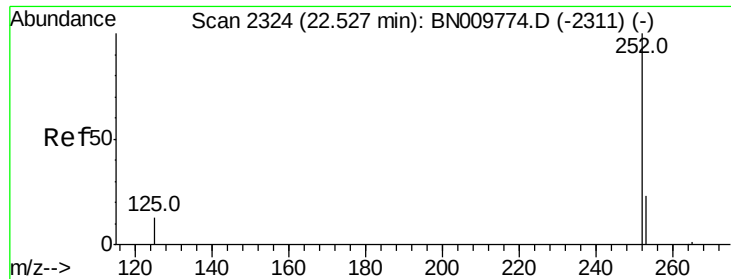
Ion Ratio Lower Upper

264 100

260 25.3 21.1 31.7

265 64.3 57.5 86.3

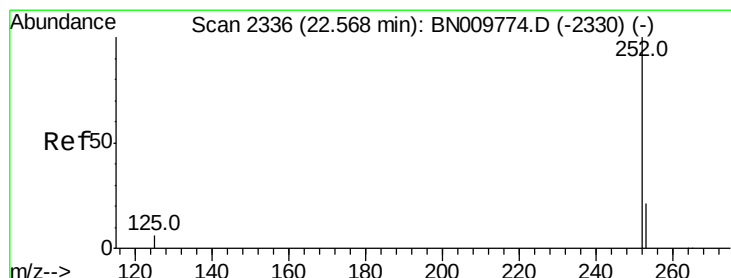
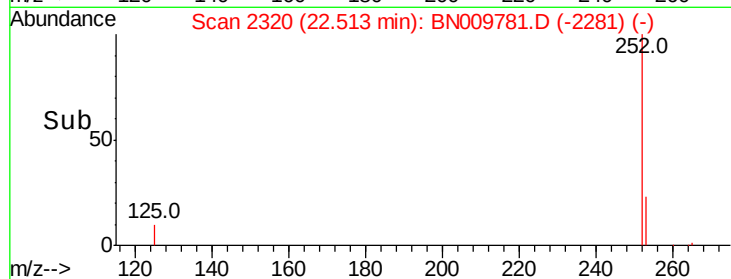
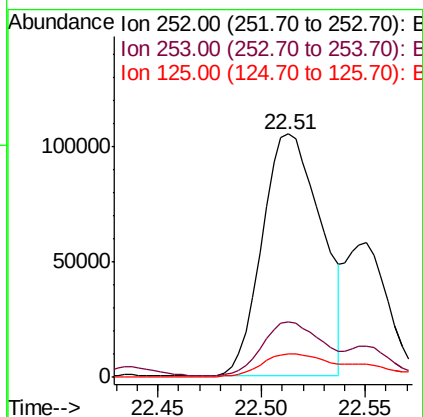
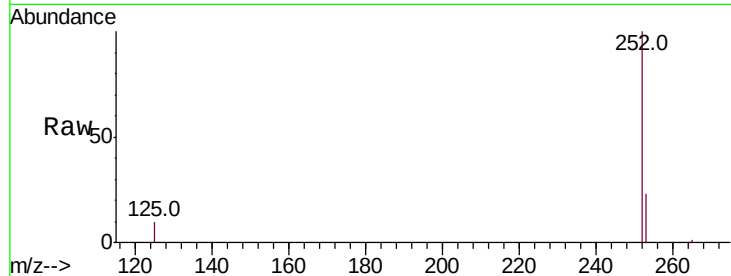




#35
Benzo(b)fluoranthene
Concen: 8.819 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN009781.D
Acq: 19 Feb 2020 17:22

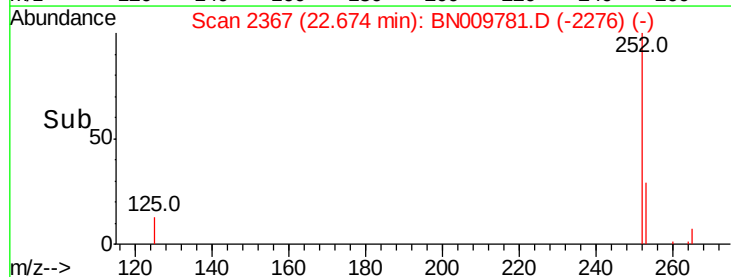
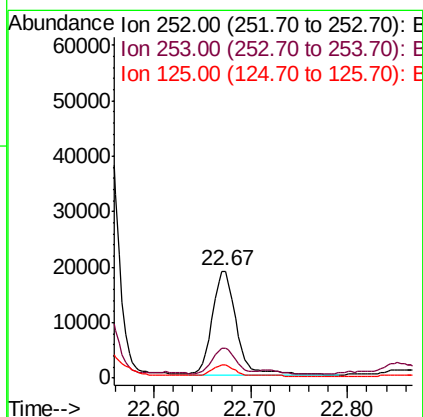
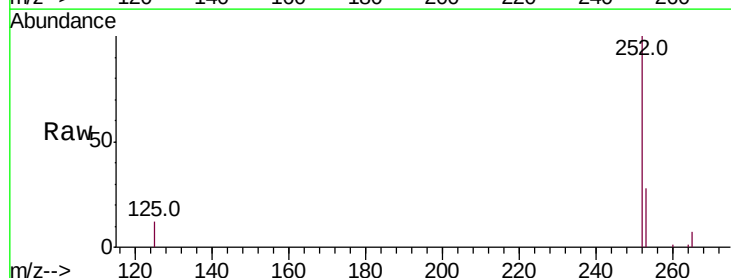
Instrument :
BNA_N
ClientSampled :

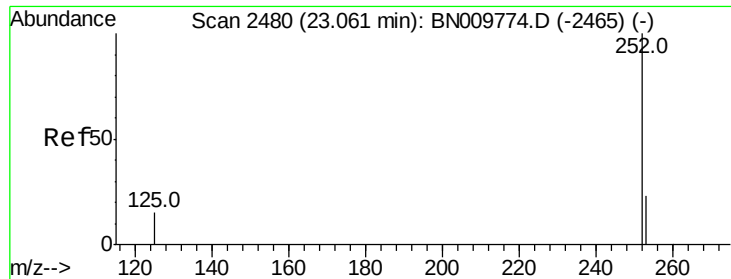
Tot Ion:252 Resp: 208181
Ion Ratio Lower Upper
252 100
253 22.5 23.0 34.6#
125 9.7 14.4 21.6#



#36
Benzo(k)fluoranthene
Concen: 1.238 ng
RT: 22.67 min Scan# 2367
Delta R.T. 0.11 min
Lab File: BN009781.D
Acq: 19 Feb 2020 17:22

Tgt Ion:252 Resp: 31816
Ion Ratio Lower Upper
252 100
253 28.3 22.2 33.2
125 12.3 10.5 15.7





#37

Benzo(a)pyrene

Concen: 6.685 ng

RT: 23.04 min Scan# 2474

Delta R.T. -0.02 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampled :

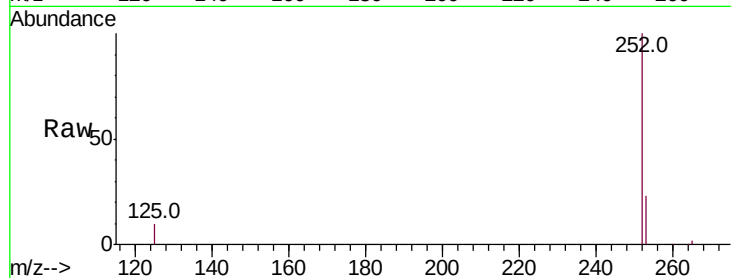
Tot Ion:252 Resp: 143984

Ion Ratio Lower Upper

252 100

253 23.0 25.3 37.9#

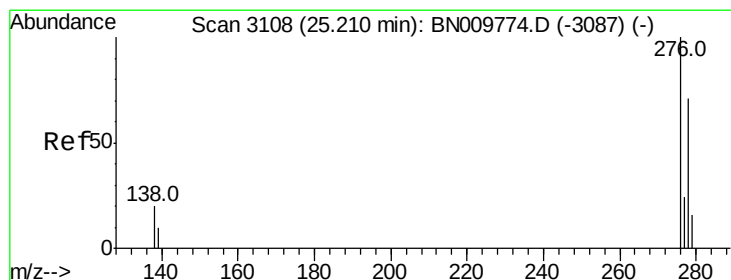
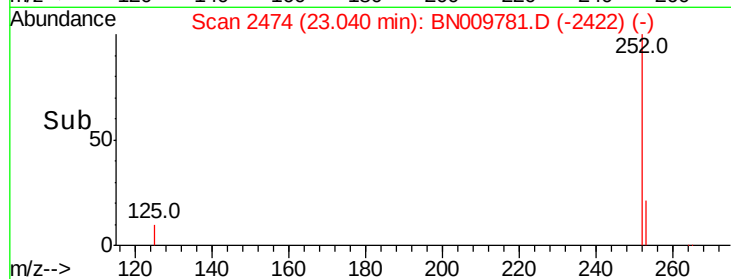
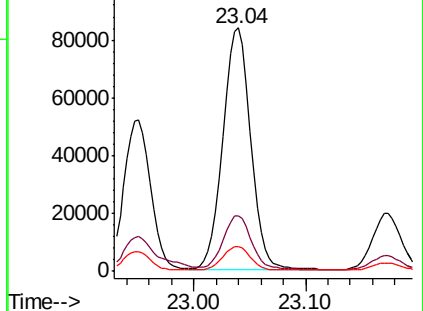
125 10.2 17.7 26.5#



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: 0.987 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

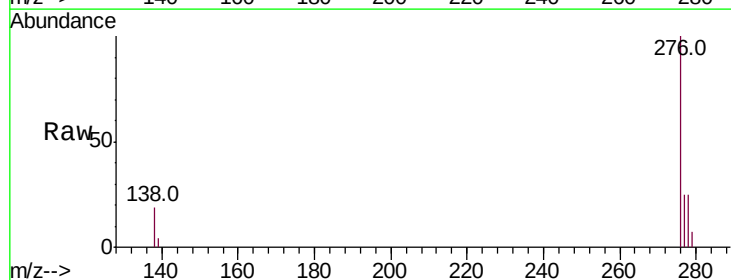
Tgt Ion:278 Resp: 20938

Ion Ratio Lower Upper

278 100

139 18.2 14.5 21.7

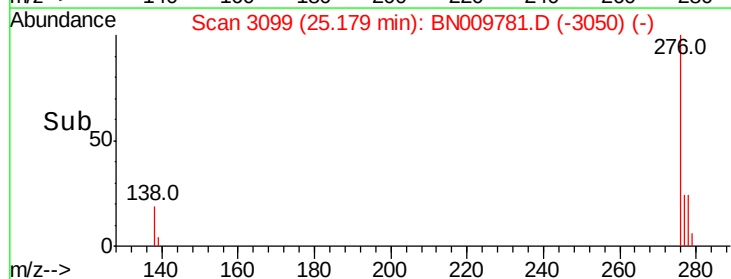
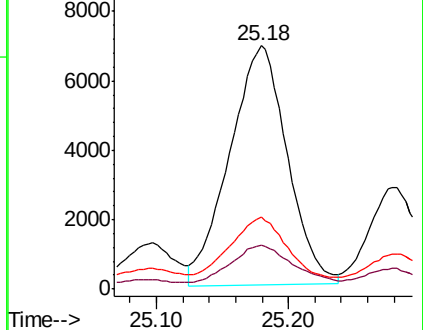
279 29.6 24.3 36.5

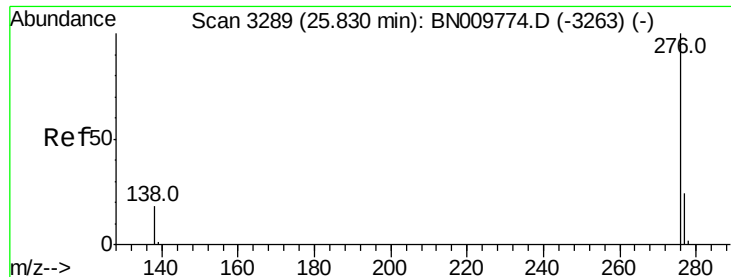


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.713 ng

RT: 25.80 min Scan# 3280

Delta R.T. -0.03 min

Lab File: BN009781.D

Acq: 19 Feb 2020 17:22

Instrument :

BNA_N

ClientSampleId :

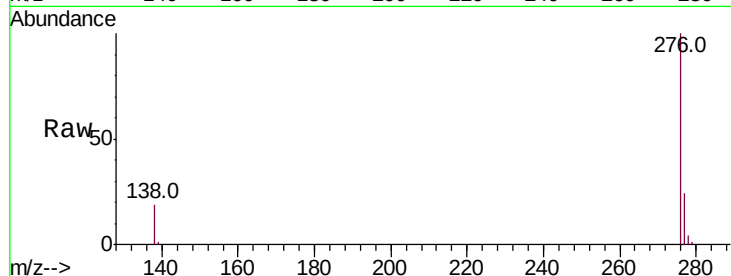
Tot Ion:276 Resp: 61286

Ion Ratio Lower Upper

276 100

277 24.2 21.4 32.0

138 19.5 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

