

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009777.D
 Acq On : 19 Feb 2020 14:08
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 15:56:26 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 13:45:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1007	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3184	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	1986	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	4262	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	4259	0.40	ng	-0.01
34) Perylene-d12	23.14	264	4052	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	7362	3.18	ng	-0.02
5) Phenol-d6	6.62	99	9411	3.51	ng	-0.02
8) Nitrobenzene-d5	8.55	82	9687	3.82	ng	-0.04
11) 2-Methylnaphthalene-d10	11.76	152	21306	3.46	ng	-0.02
14) 2,4,6-Tribromophenol	15.56	330	2835	3.78	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	26216	3.53	ng	-0.02
25) Fluoranthene-d10	18.85	212	52083	3.56	ng	-0.01
29) Terphenyl-d14	19.47	244	34023	3.37	ng	-0.01

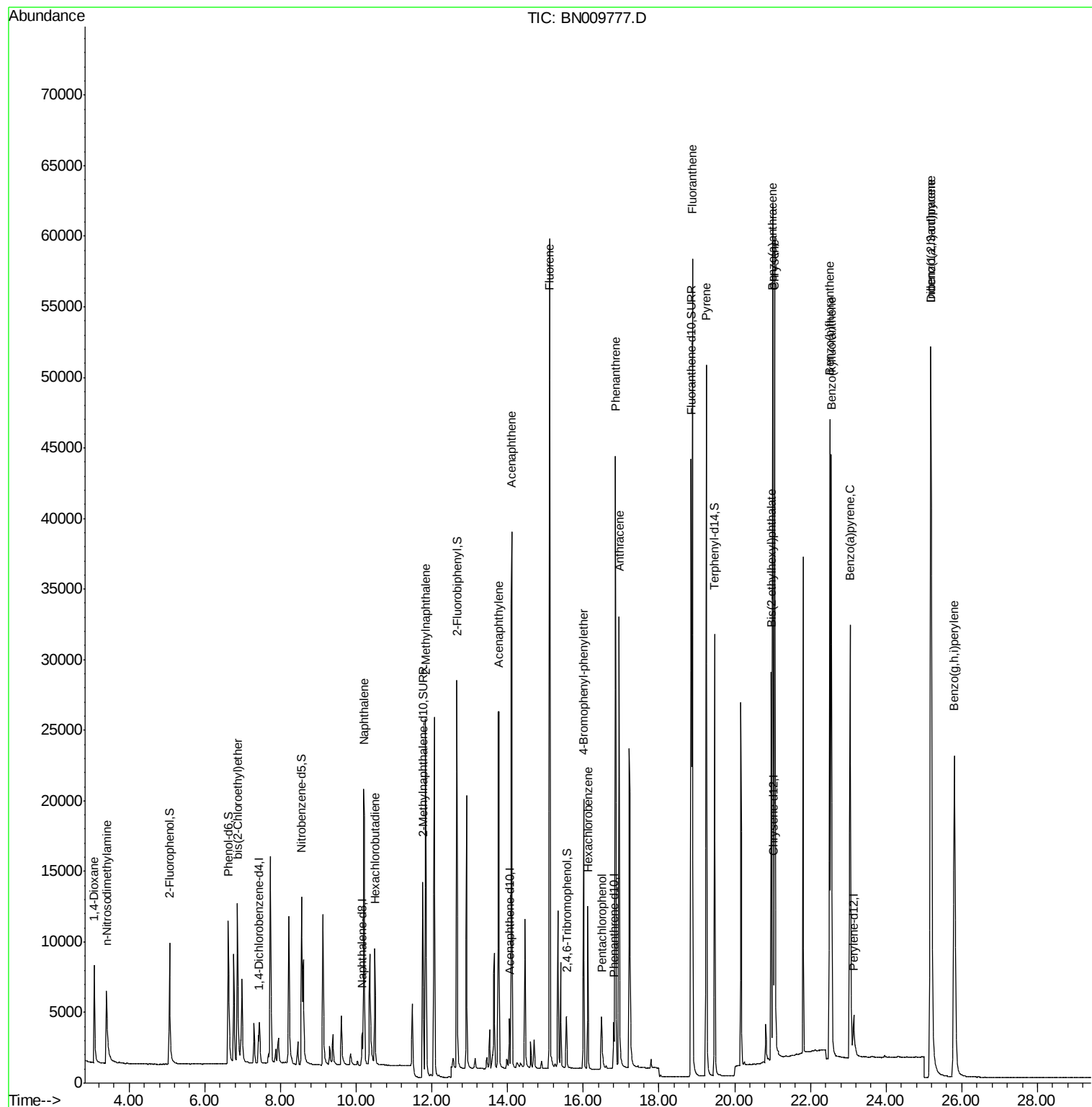
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	3381	3.219	ng	99
3) n-Nitrosodimethylamine	3.40	42	6299	3.883	ng	# 93
6) bis(2-Chloroethyl)ether	6.86	93	8910	3.228	ng	94
9) Naphthalene	10.20	128	28677	3.328	ng	94
10) Hexachlorobutadiene	10.49	225	6335	3.353	ng	# 96
12) 2-Methylnaphthalene	11.84	142	20449	3.405	ng	98
16) Acenaphthylene	13.77	152	31162	3.638	ng	99
17) Acenaphthene	14.11	154	20362	3.380	ng	99
18) Fluorene	15.10	166	26610	3.390	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	6854	2.671	ng	91
21) Hexachlorobenzene	16.12	284	9183	3.361	ng	99
22) Pentachlorophenol	16.49	266	2738	3.569	ng	86
23) Phenanthrene	16.85	178	44087	3.443	ng	99
24) Anthracene	16.94	178	39249	3.651	ng	100
26) Fluoranthene	18.88	202	53911	3.589	ng	100
28) Pyrene	19.25	202	52695	3.264	ng	100
30) Benzo(a)anthracene	21.00	228	51538	3.681	ng	97
31) Chrysene	21.06	228	53166	3.320	ng	97
32) Bis(2-ethylhexyl)phthalate	20.96	149	23689	3.826	ng	100
33) Indeno(1,2,3-cd)pyrene	25.18	276	61600	3.698	ng	97
35) Benzo(b)fluoranthene	22.51	252	54062	3.627	ng	# 84
36) Benzo(k)fluoranthene	22.55	252	55219	3.357	ng	# 89
37) Benzo(a)pyrene	23.05	252	47470	3.618	ng	# 80
38) Dibenzo(a,h)anthracene	25.19	278	50087	3.795	ng	# 90
39) Benzo(g,h,i)perylene	25.80	276	50949	3.509	ng	95

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

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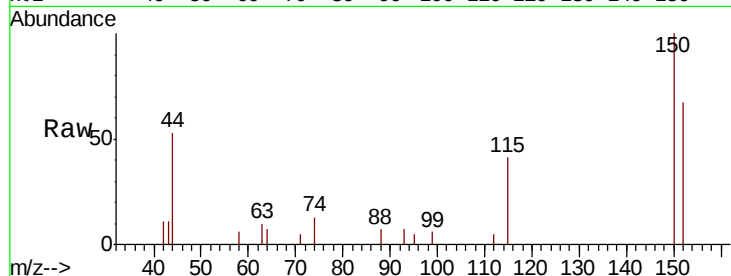


#1

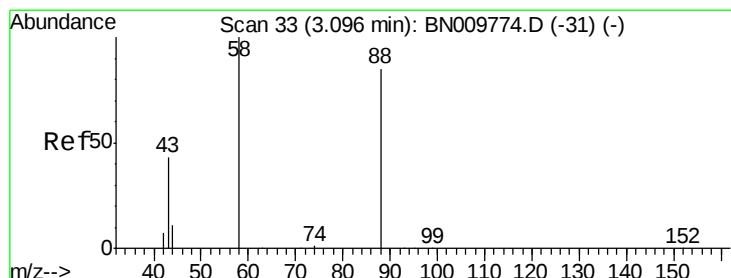
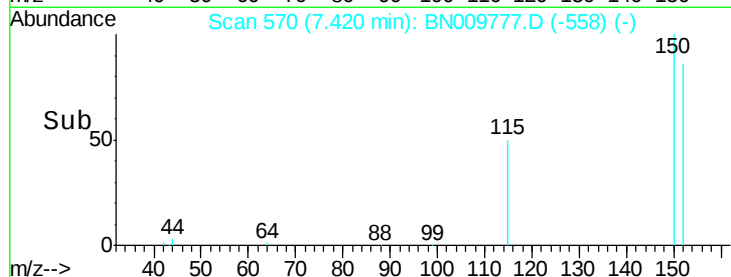
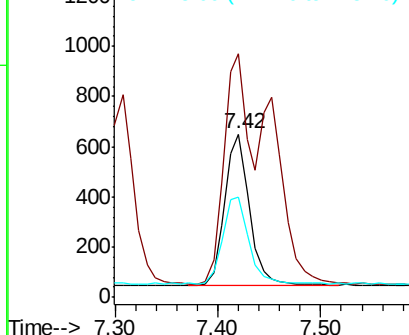
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1007
Ion Ratio Lower Upper
152 100
150 149.2 120.6 181.0
115 61.8 51.2 76.8



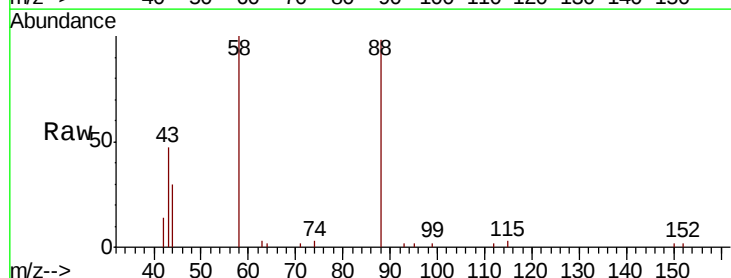
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



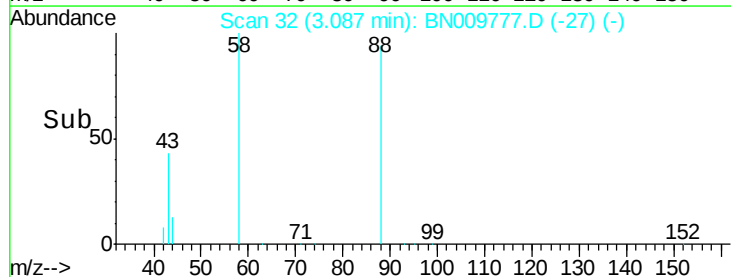
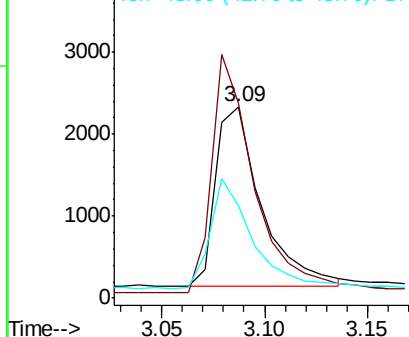
#2

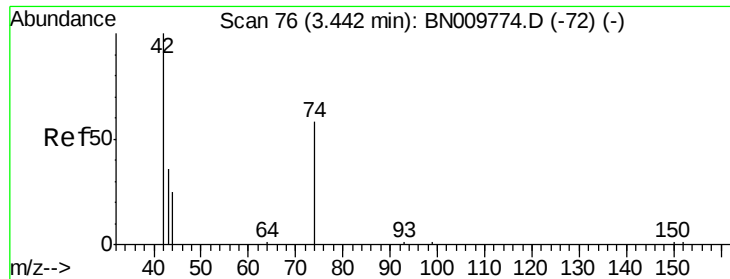
1,4-Dioxane
Concen: 3.219 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion: 88 Resp: 3381
Ion Ratio Lower Upper
88 100
58 122.6 97.8 146.8
43 54.6 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



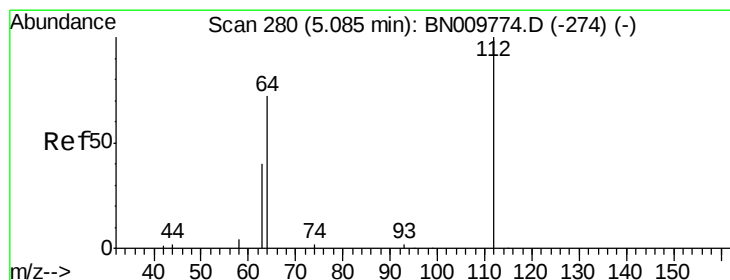
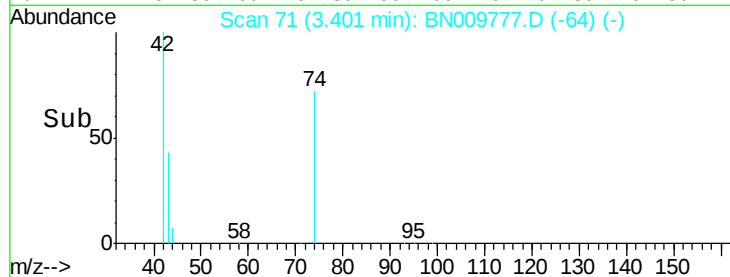
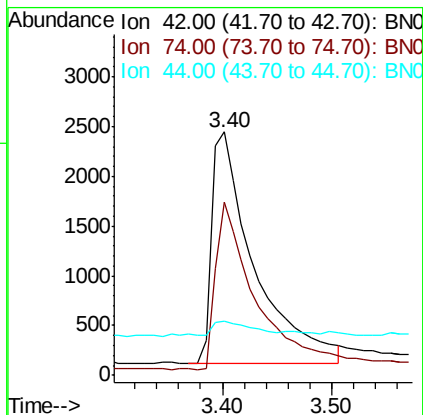
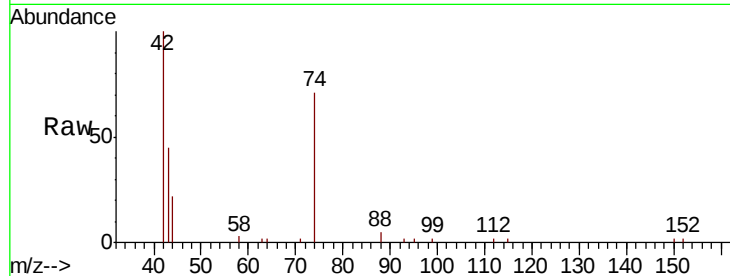


#3

n-Nitrosodimethylamine
 Concen: 3.883 ng
 RT: 3.40 min Scan# 71
 Delta R.T. -0.04 min
 Lab File: BN009777.D
 Acq: 19 Feb 2020 14:08

Instrument :
 BNA_N
 ClientSampleId :

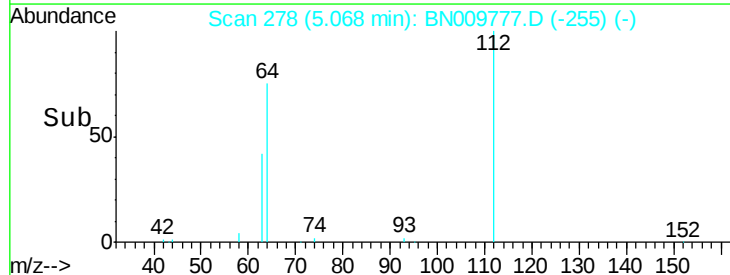
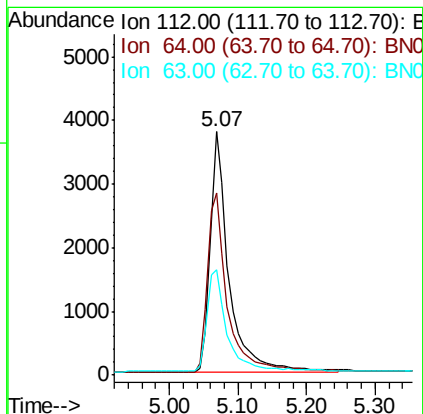
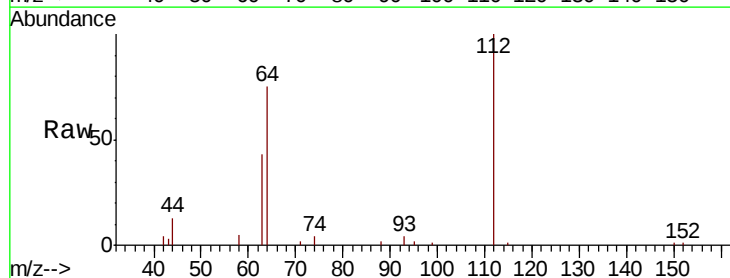
Tot Ion: 42 Resp: 6299
 Ion Ratio Lower Upper
 42 100
 74 69.1 51.2 76.8
 44 6.3 2.6 4.0#



#4

2-Fluorophenol
 Concen: 3.176 ng
 RT: 5.07 min Scan# 278
 Delta R.T. -0.02 min
 Lab File: BN009777.D
 Acq: 19 Feb 2020 14:08

Tgt Ion: 112 Resp: 7362
 Ion Ratio Lower Upper
 112 100
 64 78.8 65.8 98.6
 63 44.5 38.7 58.1





#5

Phenol-d6

Concen: 3.509 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

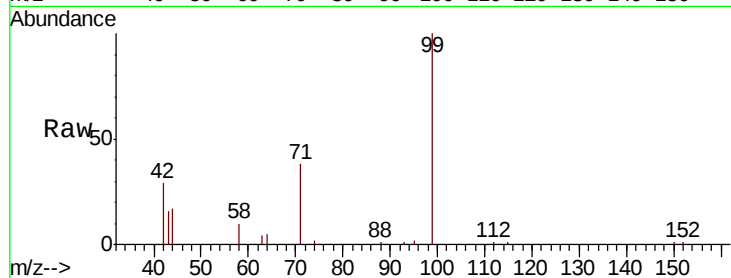
Tot Ion: 99 Resp: 9411

Ion Ratio Lower Upper

99 100

42 35.6 30.8 46.2

71 41.4 34.9 52.3



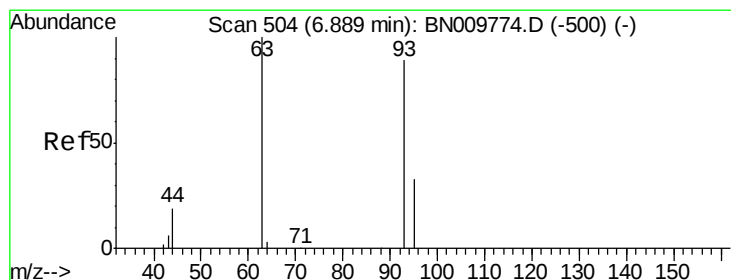
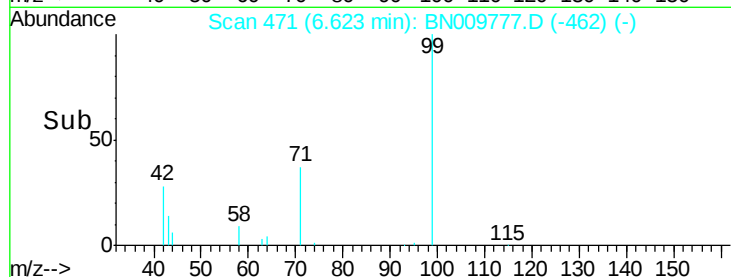
Abundance Ion 99.00 (98.70 to 99.70): BN009777.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN009777.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN009777.D (-462) (-)

6.62

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 3.228 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

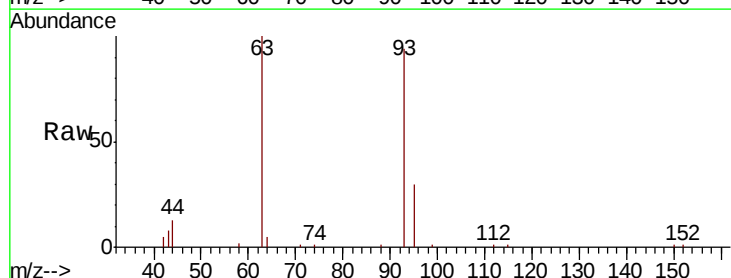
Tgt Ion: 93 Resp: 8910

Ion Ratio Lower Upper

93 100

63 100.1 74.0 111.0

95 32.9 26.7 40.1



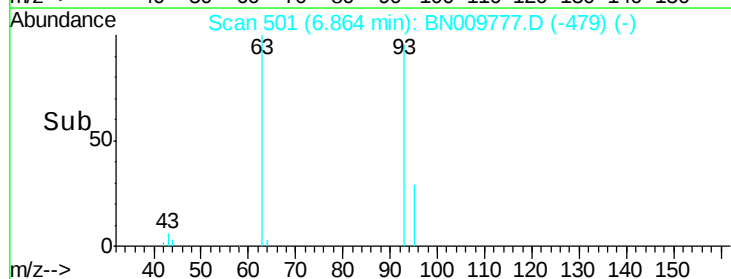
Abundance Ion 93.00 (92.70 to 93.70): BN009777.D (-479) (-)

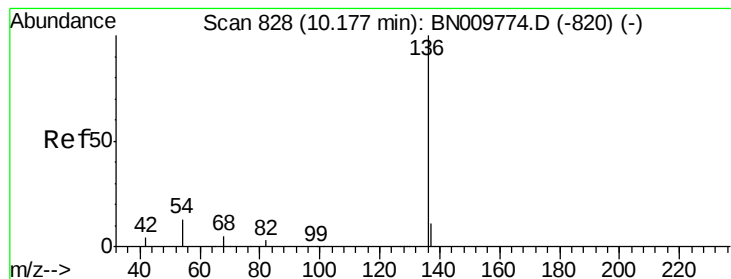
Ion 63.00 (62.70 to 63.70): BN009777.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN009777.D (-479) (-)

6.86

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3184

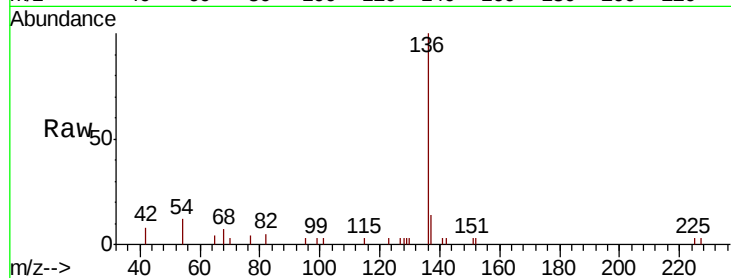
Ion Ratio Lower Upper

136 100

137 13.6 11.3 16.9

54 12.2 13.4 20.2#

68 7.0 7.0 10.4

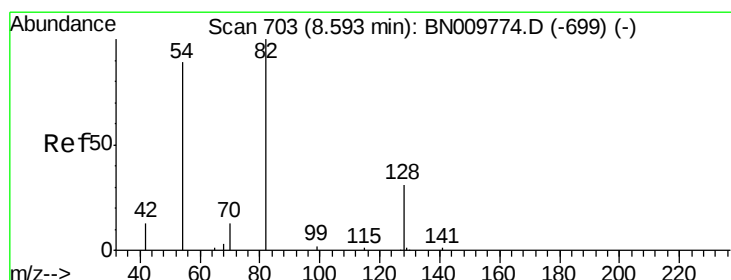
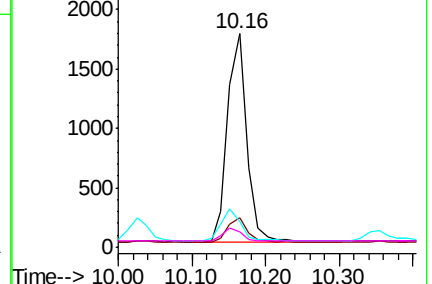
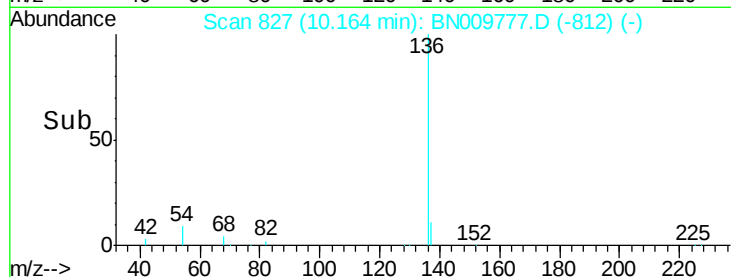


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.817 ng

RT: 8.55 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

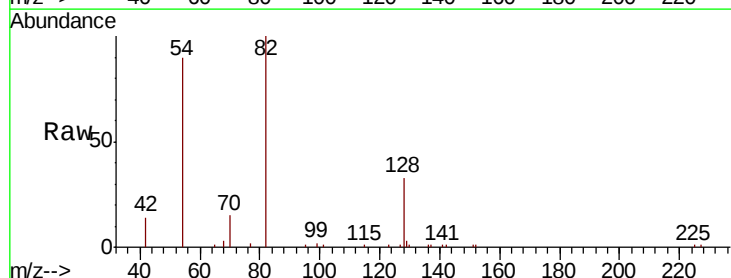
Tgt Ion: 82 Resp: 9687

Ion Ratio Lower Upper

82 100

128 32.7 32.5 48.7

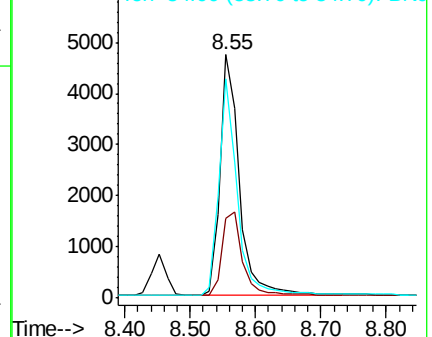
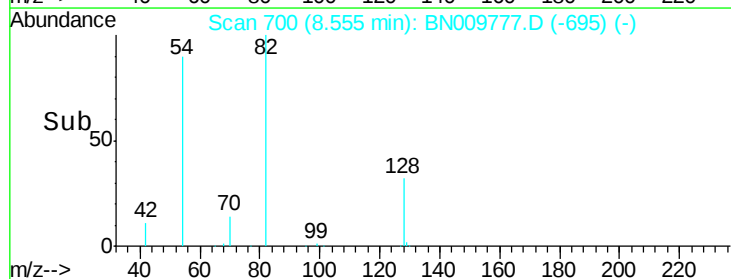
54 90.3 73.5 110.3



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: 3.328 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

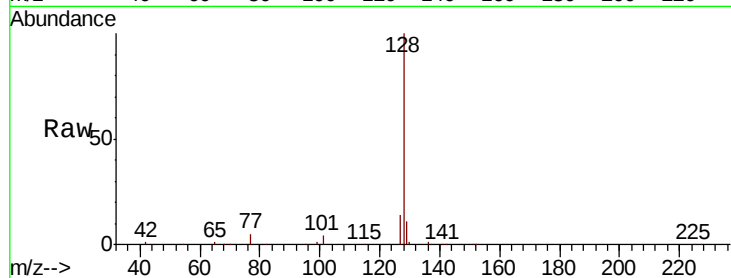
Tot Ion:128 Resp: 28677

Ion Ratio Lower Upper

128 100

129 11.2 11.1 16.7

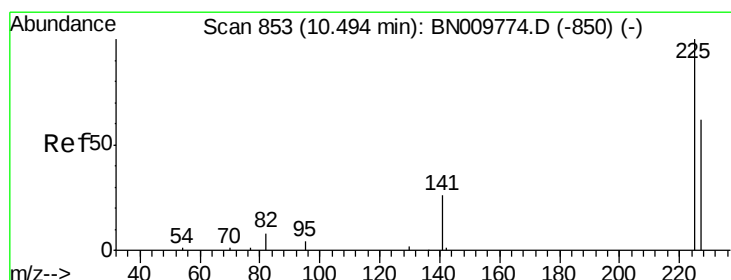
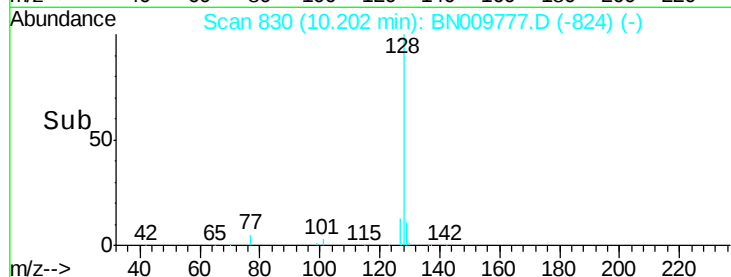
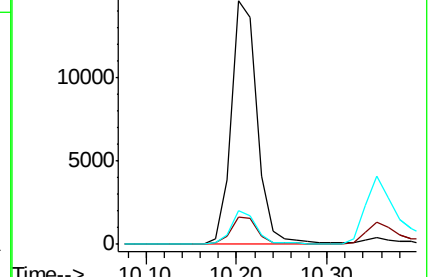
127 13.7 12.6 19.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.353 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

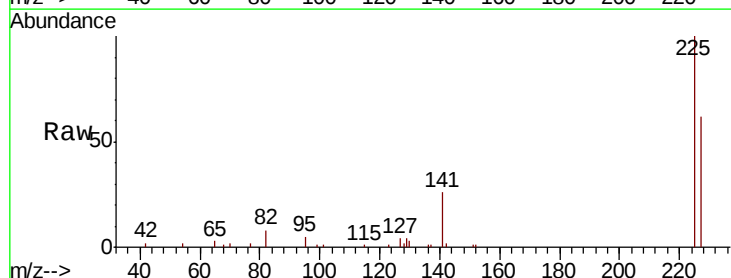
Tgt Ion:225 Resp: 6335

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

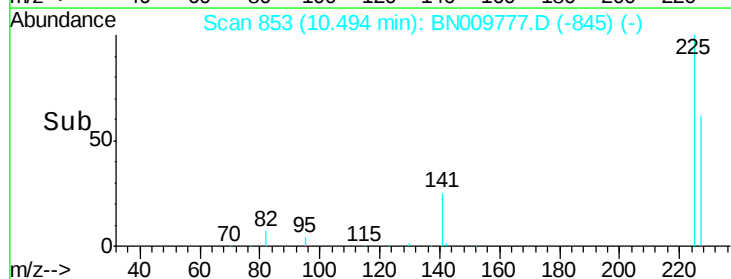
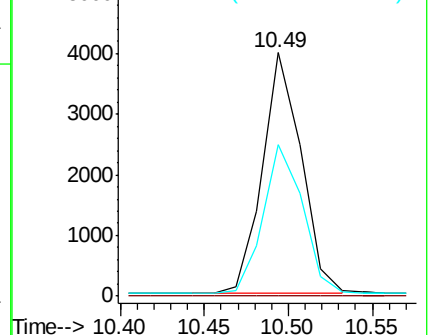
227 63.4 53.4 80.2

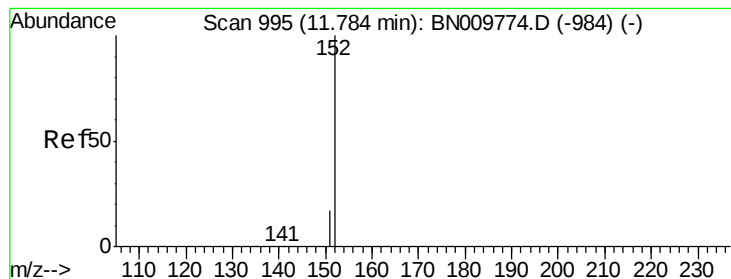


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.464 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

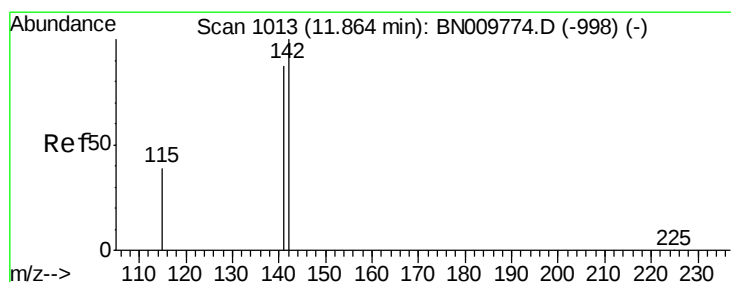
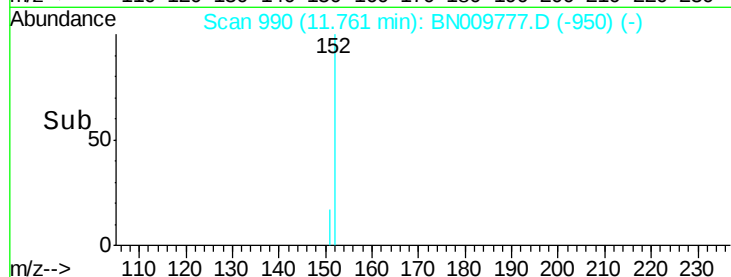
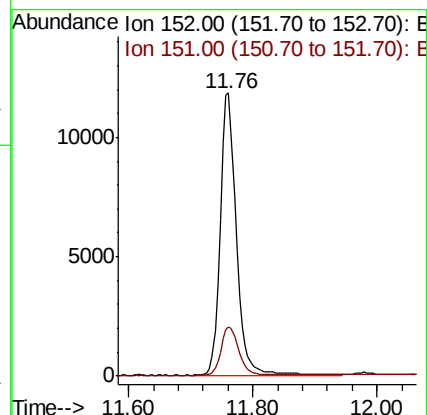
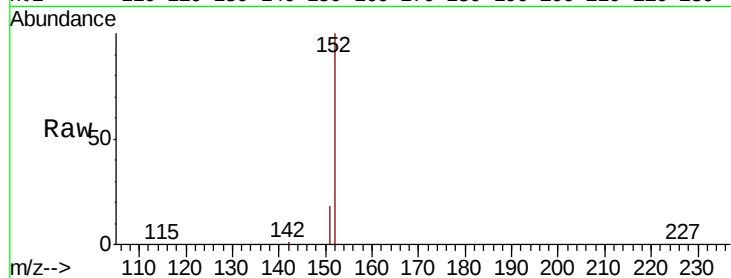
ClientSampled :

Tot Ion:152 Resp: 21306

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 3.405 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

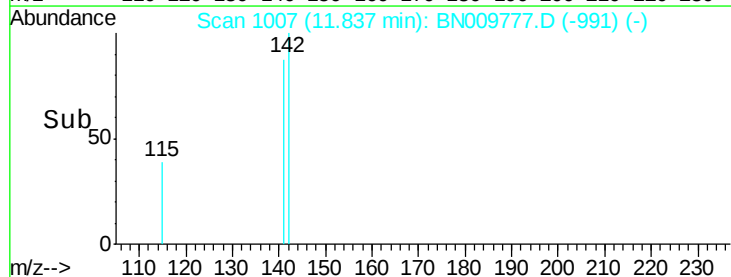
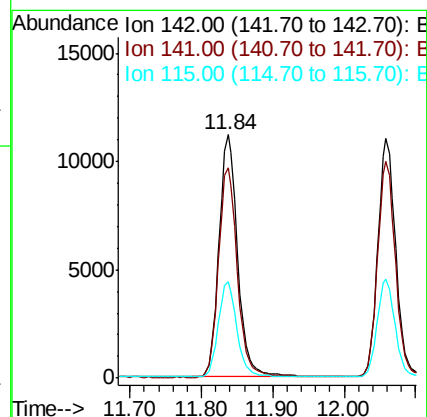
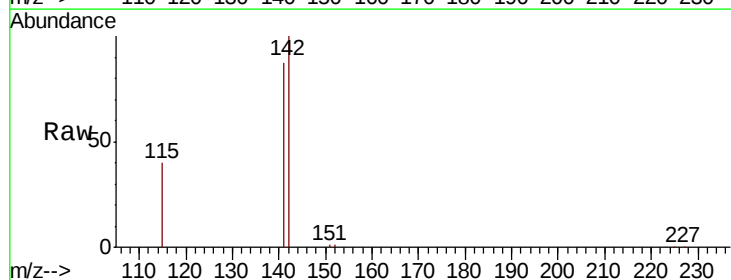
Tgt Ion:142 Resp: 20449

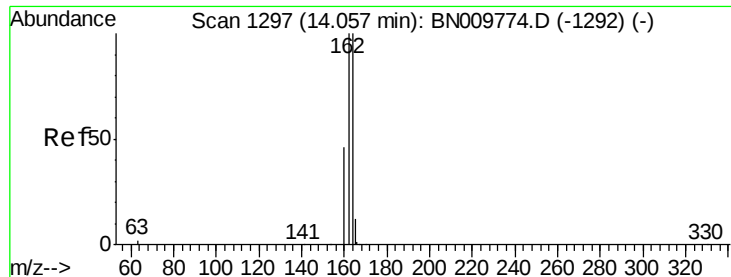
Ion Ratio Lower Upper

142 100

141 86.6 69.8 104.6

115 39.5 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: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

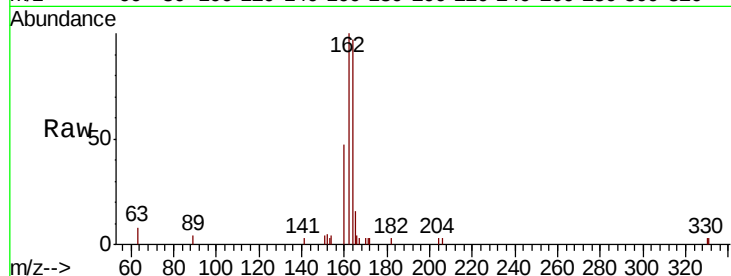
Tot Ion:164 Resp: 1986

Ion Ratio Lower Upper

164 100

162 102.9 79.9 119.9

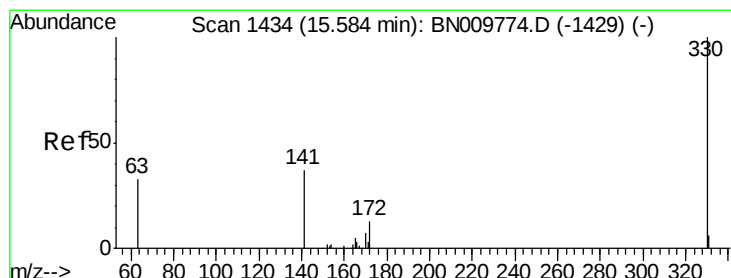
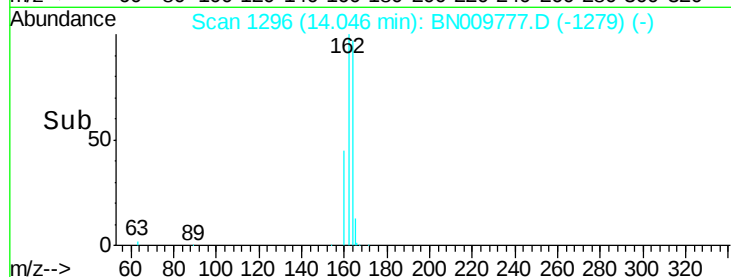
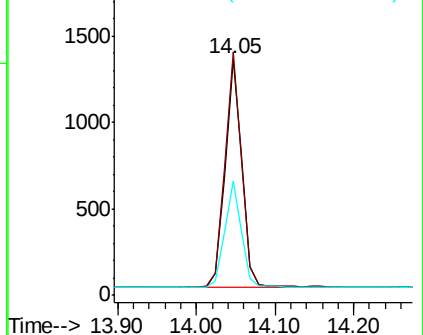
160 48.5 38.2 57.2



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: 3.775 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

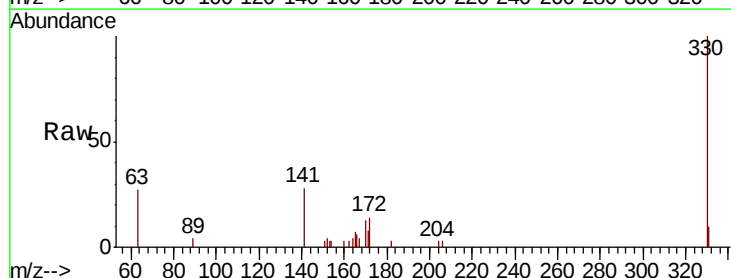
Tgt Ion:330 Resp: 2835

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

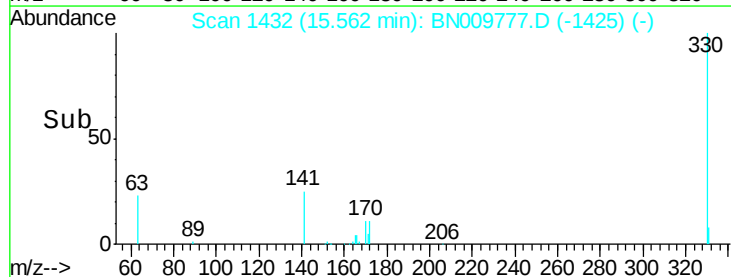
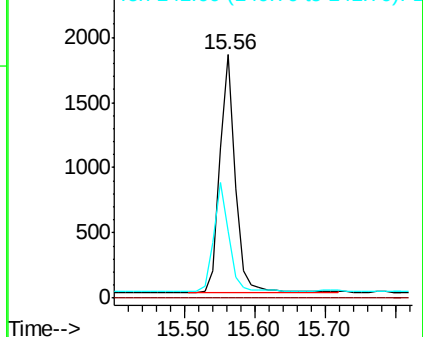
141 45.2 36.8 55.2



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

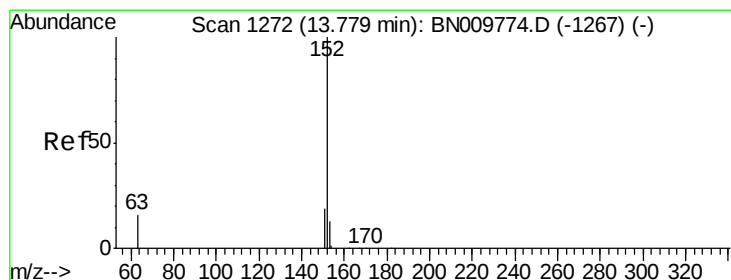
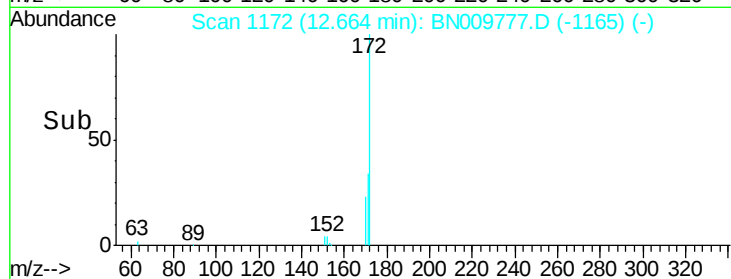
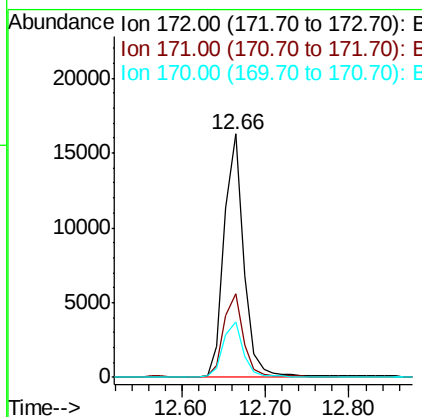
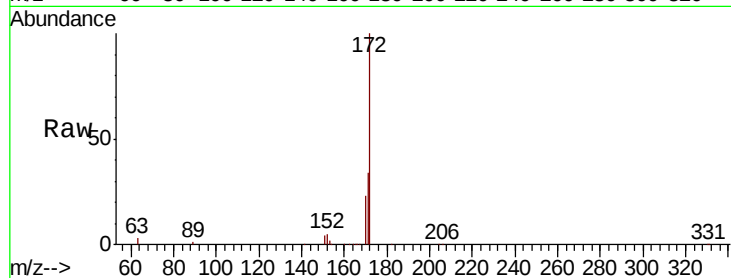




#15
2-Fluorobiphenyl
Concen: 3.528 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

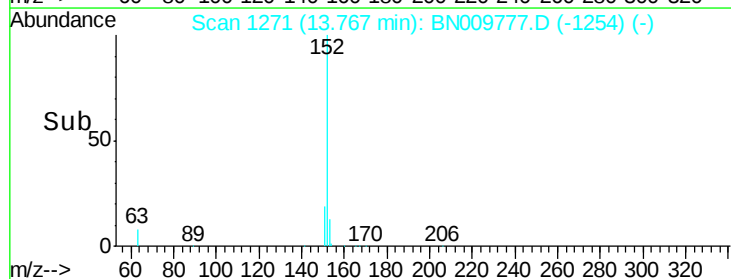
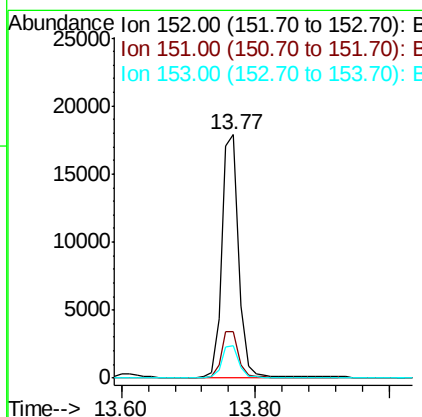
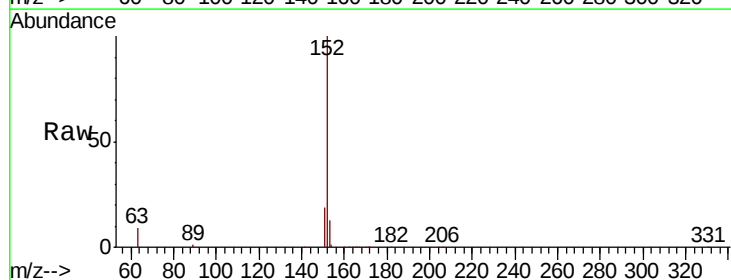
Instrument :
BNA_N
ClientSampleId :

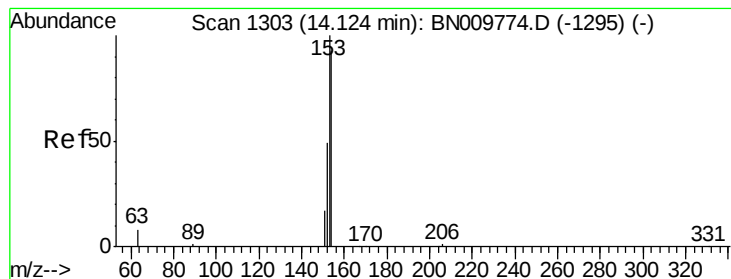
Tot Ion:172 Resp: 26216
Ion Ratio Lower Upper
172 100
171 34.2 28.7 43.1
170 22.8 20.1 30.1



#16
Acenaphthylene
Concen: 3.638 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:152 Resp: 31162
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.1 10.2 15.4





#17

Acenaphthene

Concen: 3.380 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

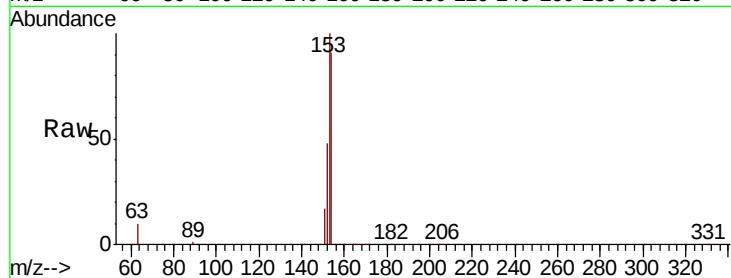
Tot Ion:154 Resp: 20362

Ion Ratio Lower Upper

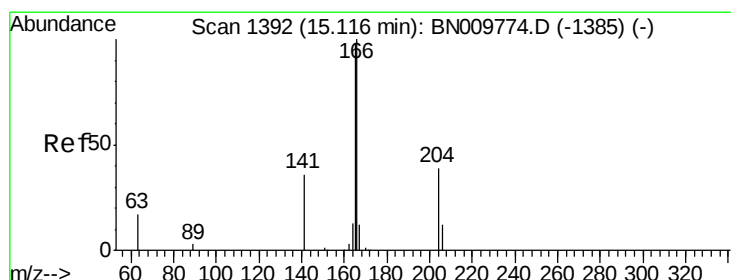
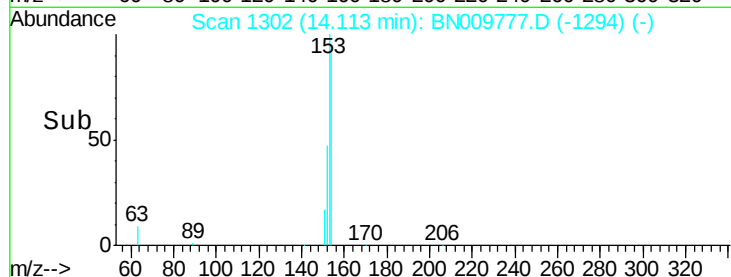
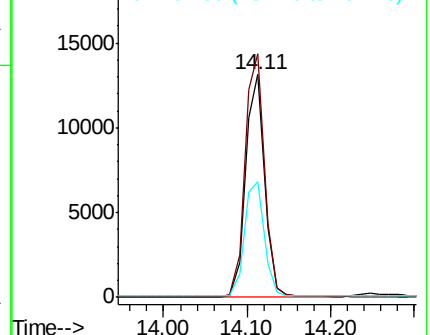
154 100

153 112.4 88.9 133.3

152 54.7 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.390 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

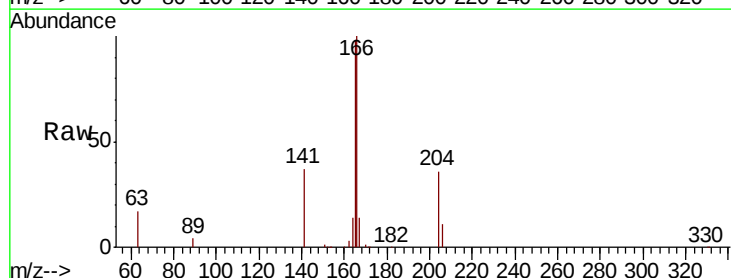
Tgt Ion:166 Resp: 26610

Ion Ratio Lower Upper

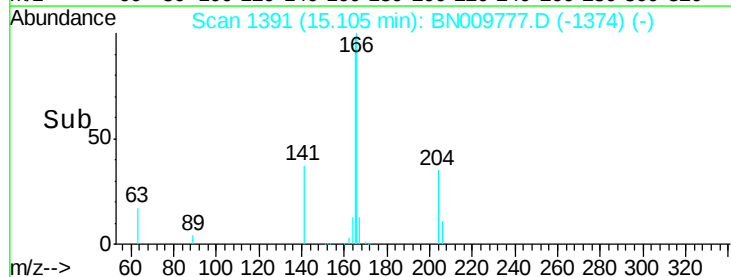
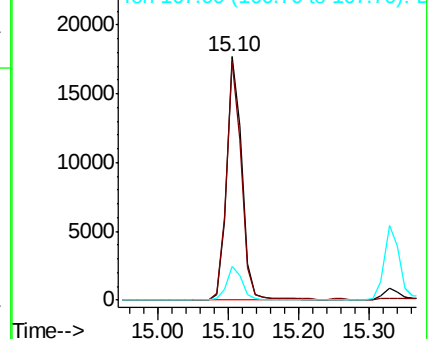
166 100

165 96.7 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: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

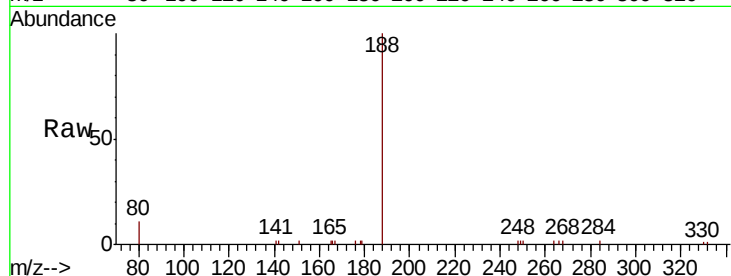
Tot Ion:188 Resp: 4262

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

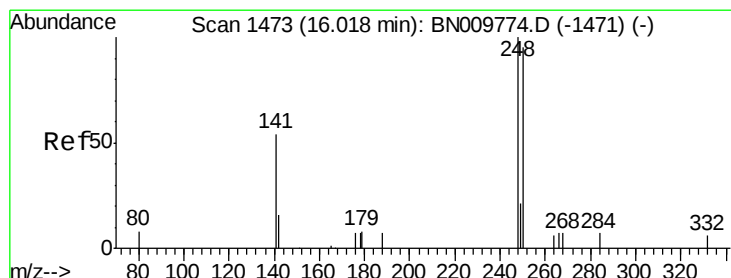
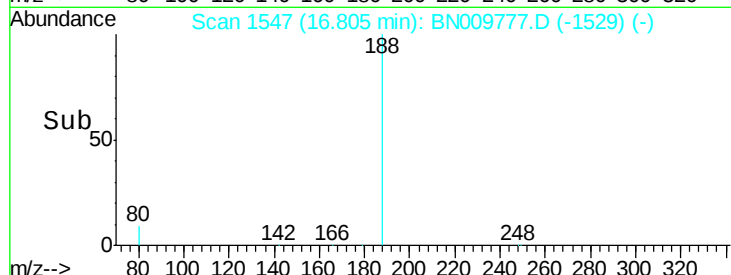
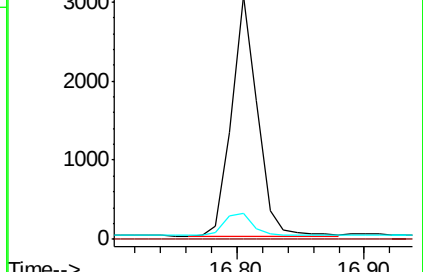
80 10.5 8.3 12.5



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: 2.671 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

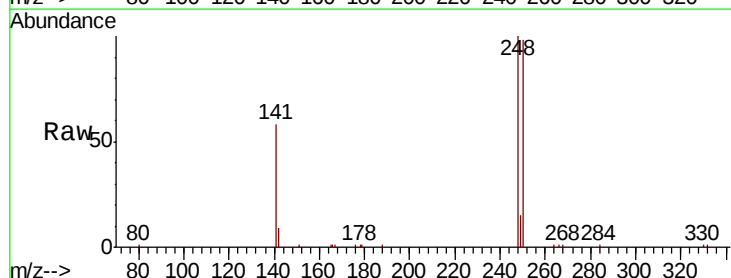
Tgt Ion:248 Resp: 6854

Ion Ratio Lower Upper

248 100

250 98.0 76.2 114.4

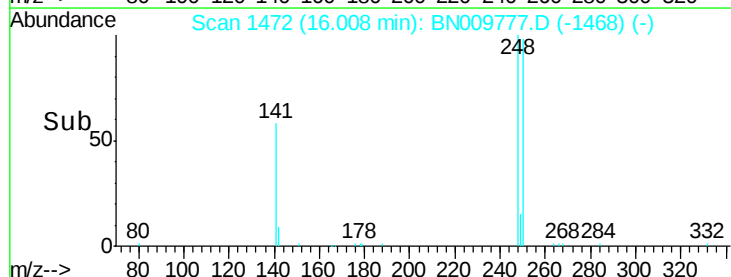
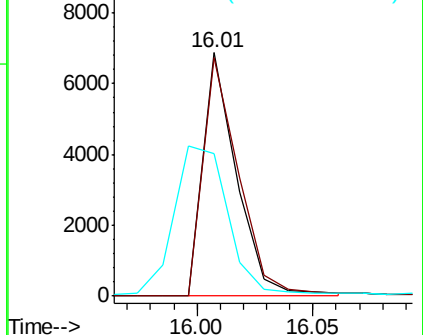
141 58.5 57.8 86.6

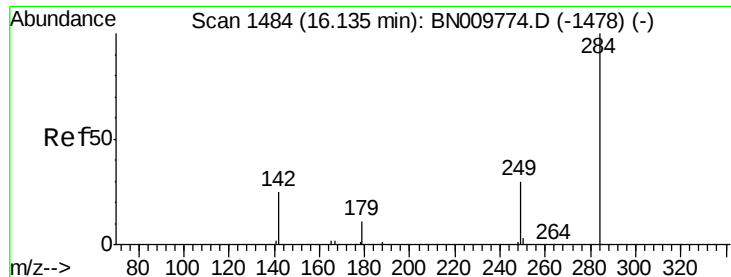


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.361 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

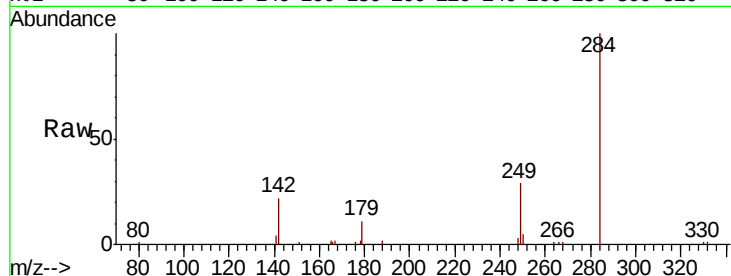
Tot Ion:284 Resp: 9183

Ion Ratio Lower Upper

284 100

142 41.0 33.3 49.9

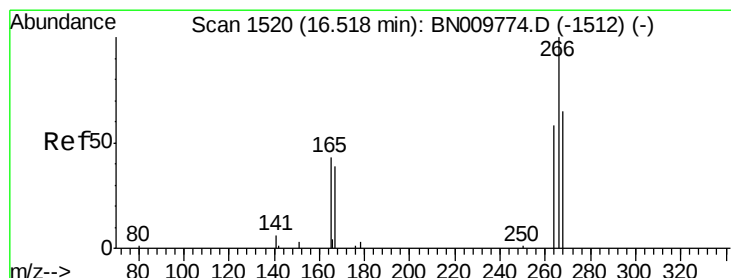
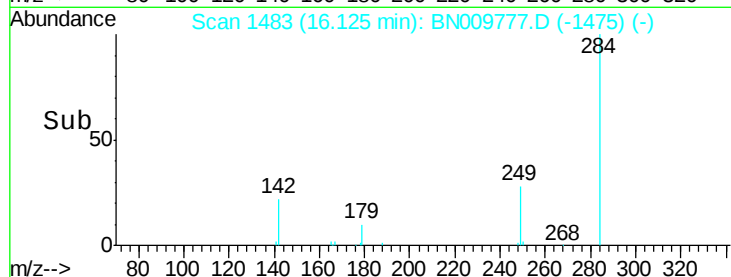
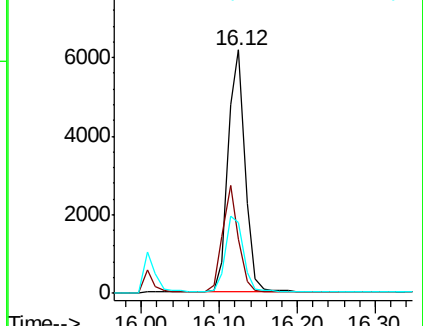
249 32.7 25.7 38.5



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: 3.569 ng

RT: 16.49 min Scan# 1517

Delta R.T. -0.03 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

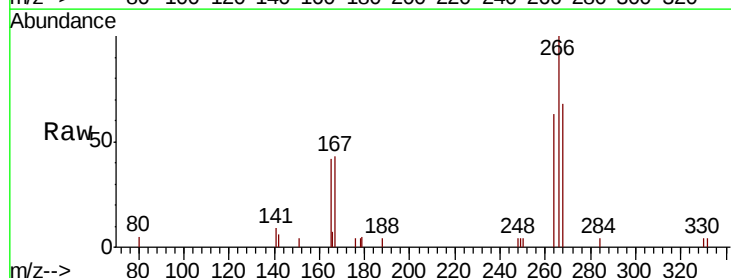
Tgt Ion:266 Resp: 2738

Ion Ratio Lower Upper

266 100

264 62.9 58.1 87.1

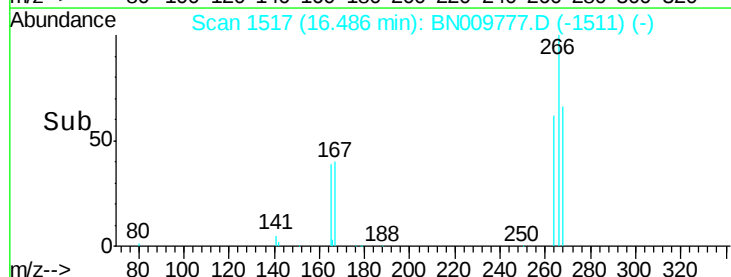
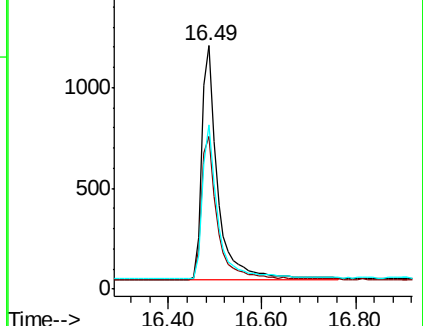
268 67.6 65.7 98.5

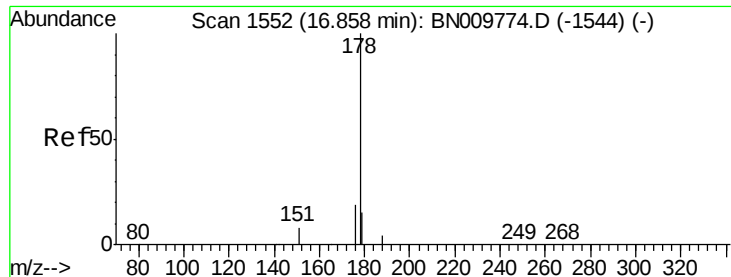


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.443 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

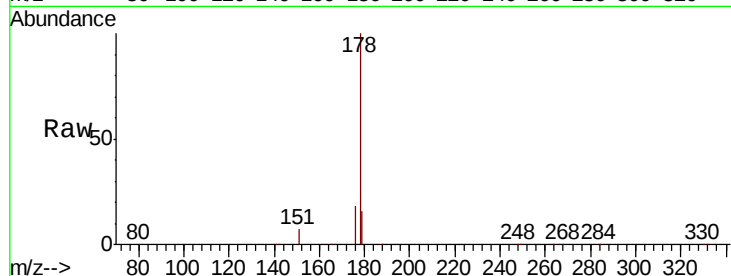
Tot Ion:178 Resp: 44087

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

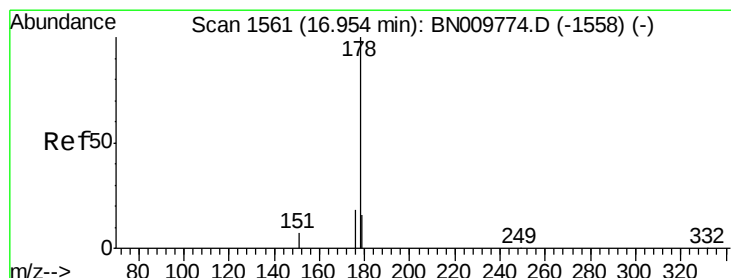
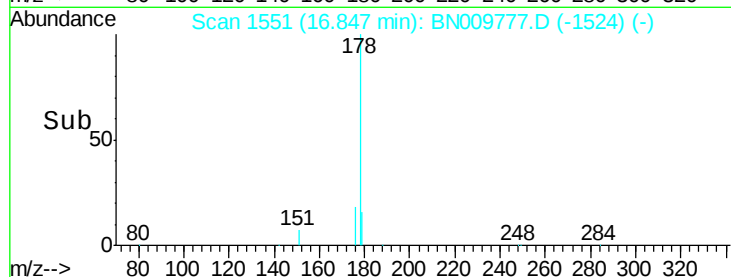
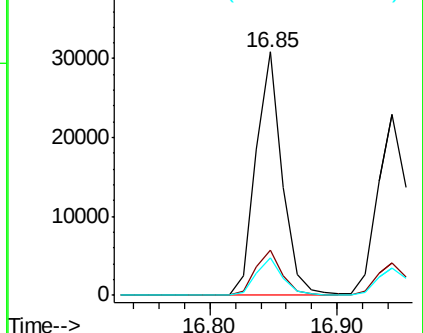
179 15.4 12.4 18.6



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: 3.651 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

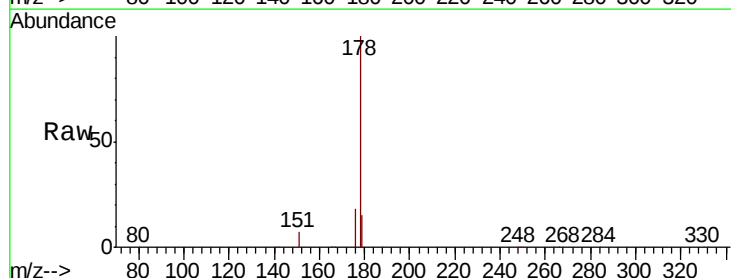
Tgt Ion:178 Resp: 39249

Ion Ratio Lower Upper

178 100

176 18.0 14.3 21.5

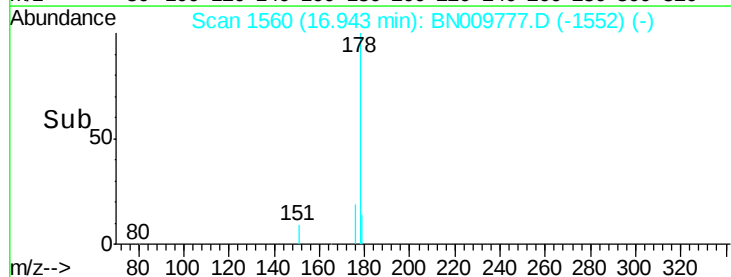
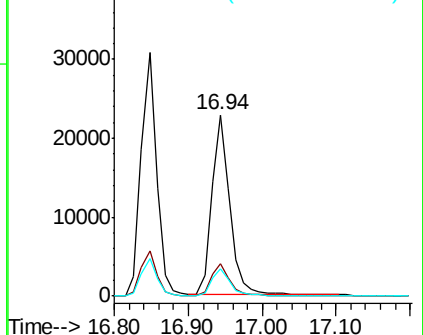
179 15.2 12.4 18.6

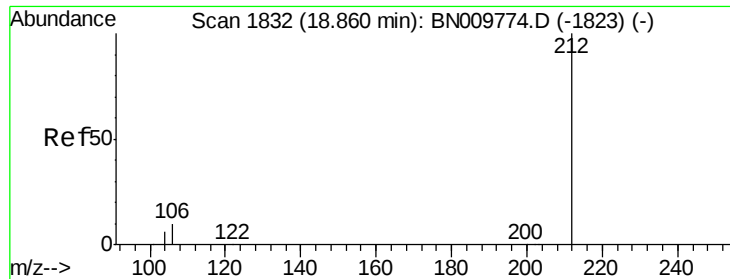


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.564 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

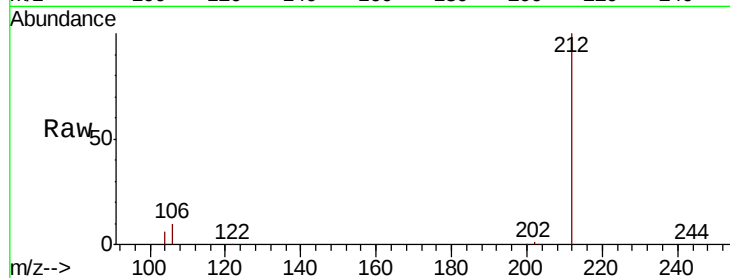
Tot Ion:212 Resp: 52083

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

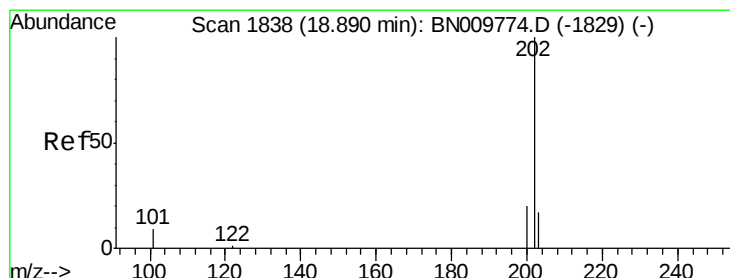
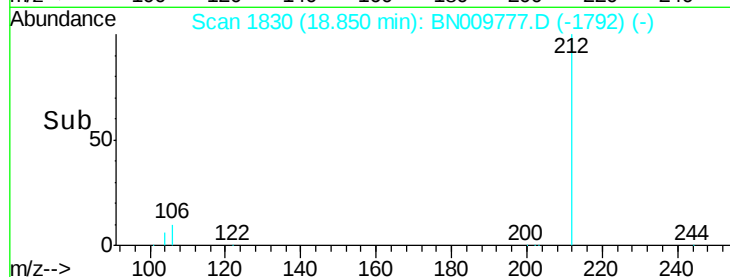
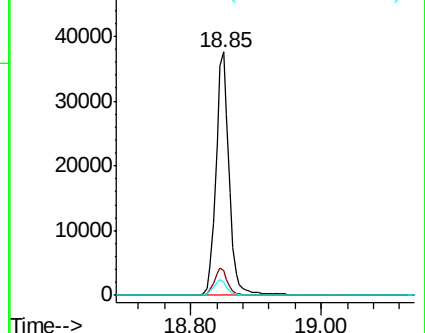
104 6.4 4.8 7.2



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: 3.589 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

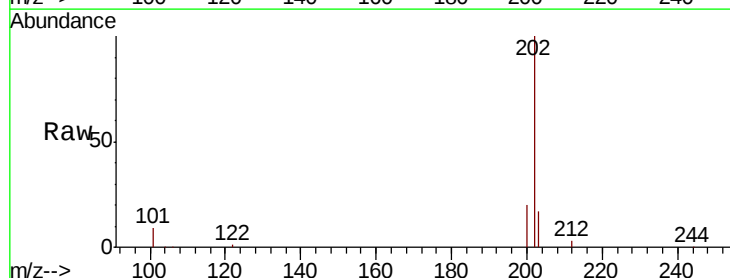
Tgt Ion:202 Resp: 53911

Ion Ratio Lower Upper

202 100

101 9.2 7.1 10.7

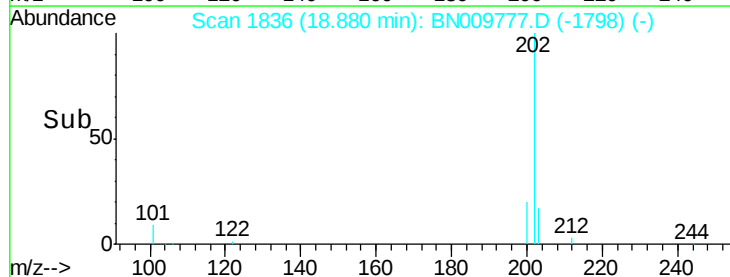
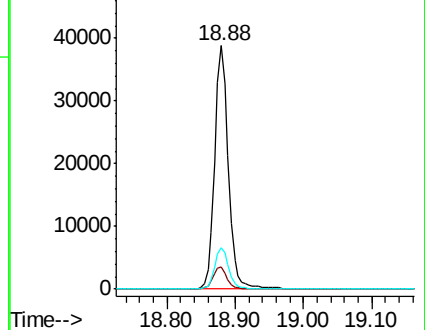
203 17.2 13.8 20.6



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: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

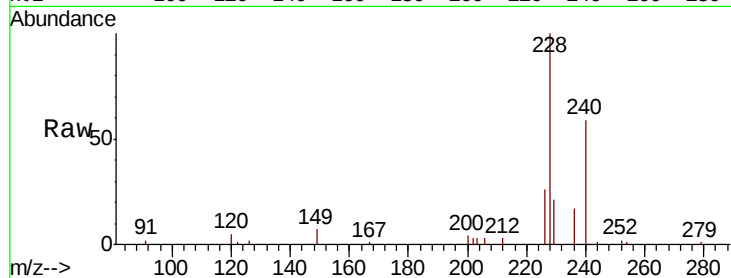
Tot Ion:240 Resp: 4259

Ion Ratio Lower Upper

240 100

120 8.6 7.9 11.9

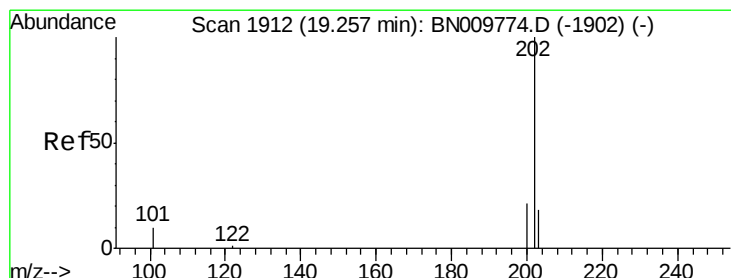
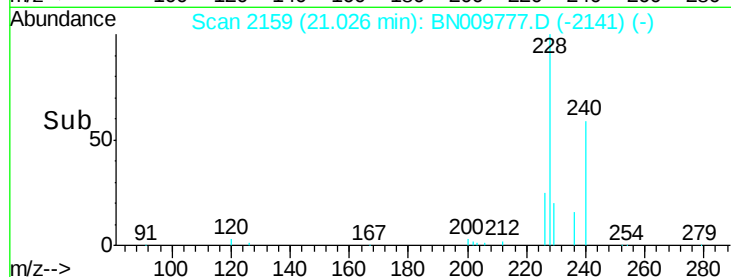
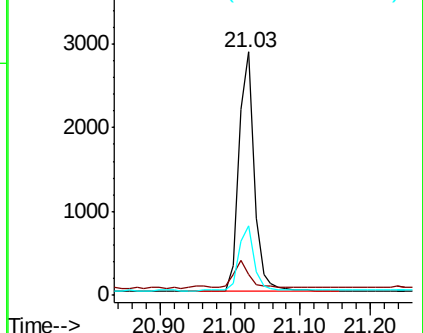
236 28.3 22.0 33.0



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: 3.264 ng

RT: 19.25 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

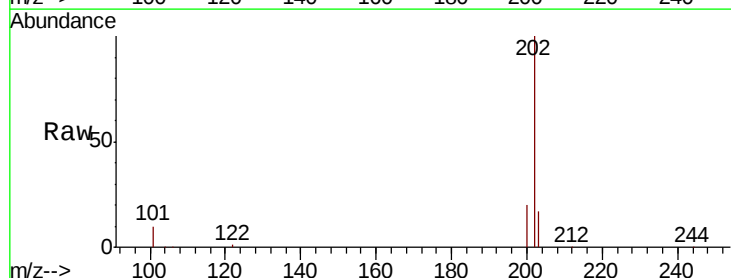
Tgt Ion:202 Resp: 52695

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

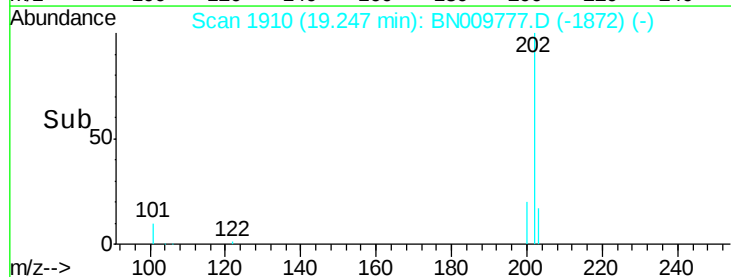
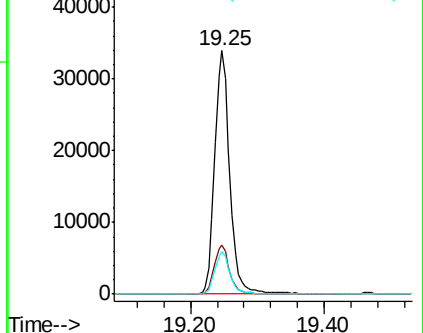
203 17.4 13.9 20.9

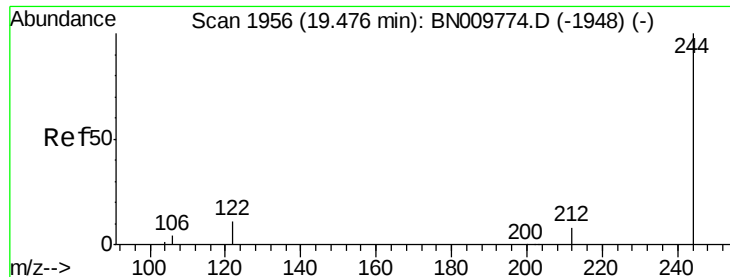


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.372 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.01 min

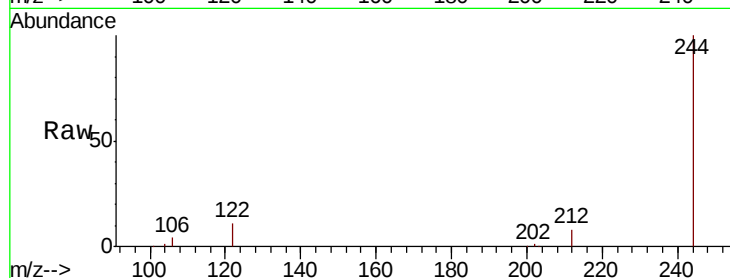
Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :



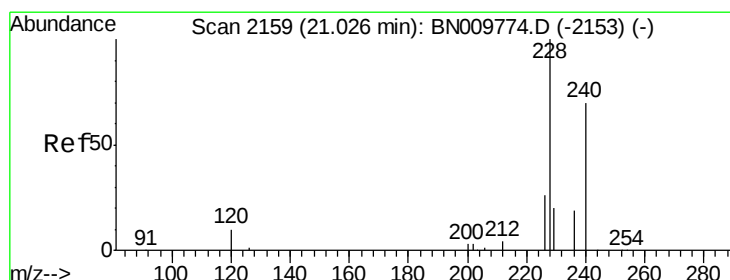
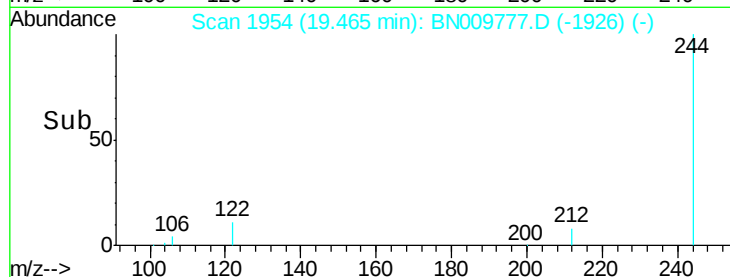
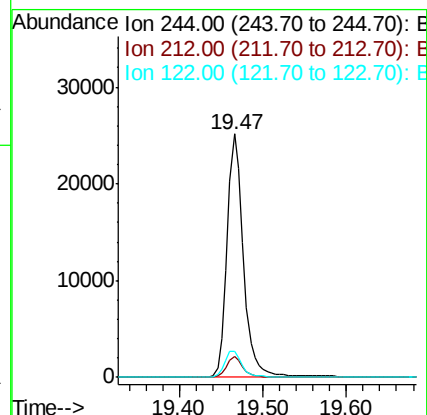
Tot Ion:244 Resp: 34023

Ion Ratio Lower Upper

244 100

212 8.4 8.0 12.0

122 10.8 10.0 15.0



#30

Benzo(a)anthracene

Concen: 3.681 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

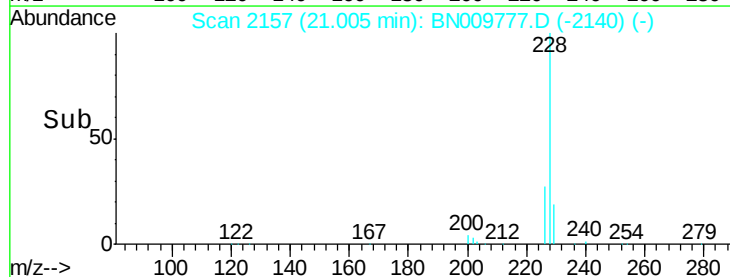
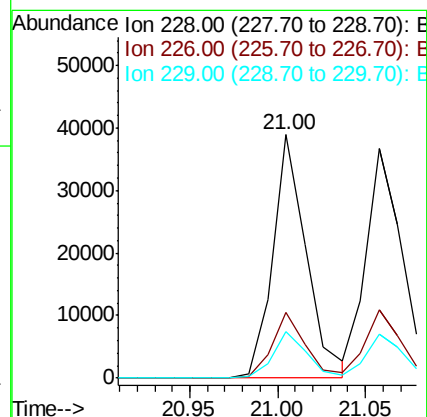
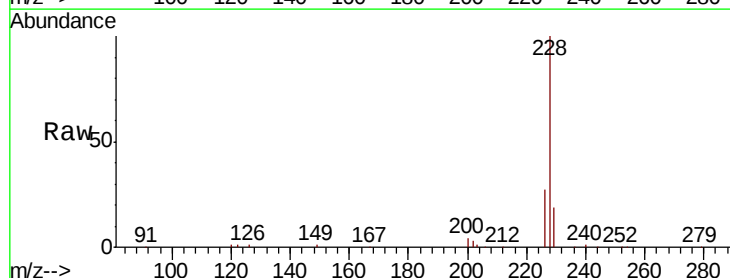
Tgt Ion:228 Resp: 51538

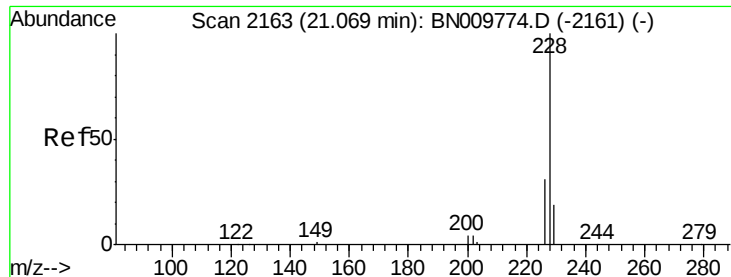
Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.2 17.1 25.7

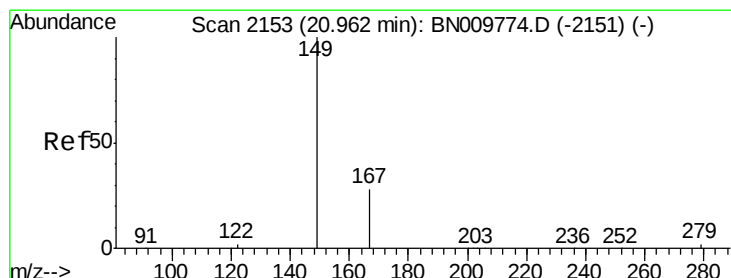
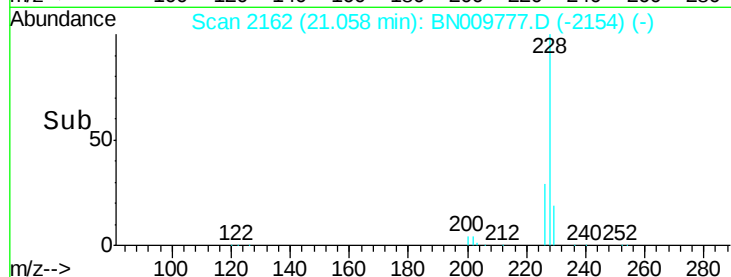
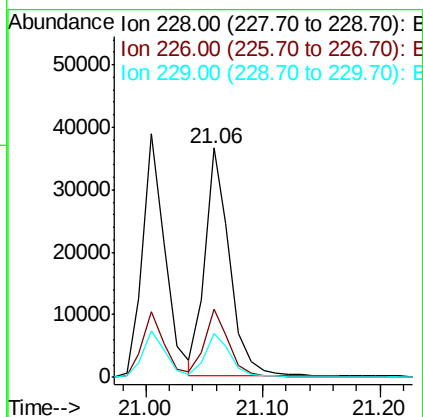
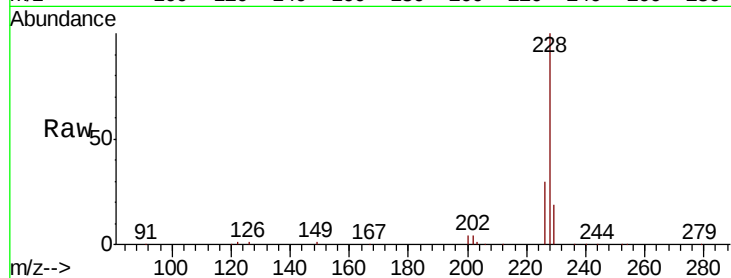




#31
Chrysene
Concen: 3.320 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

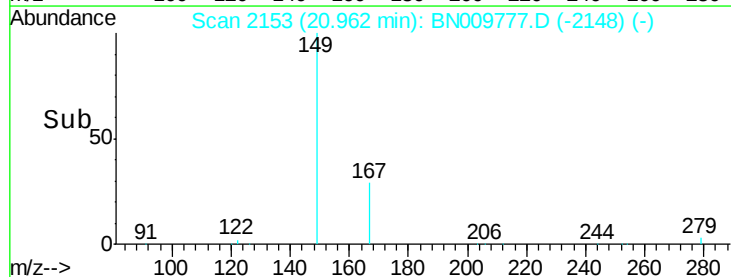
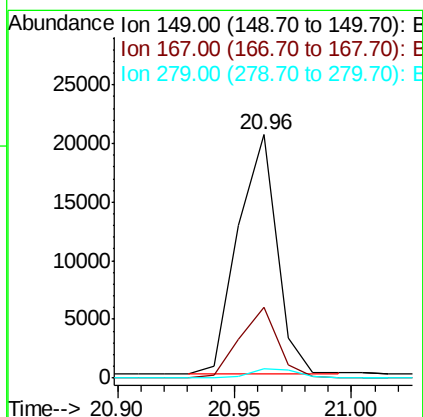
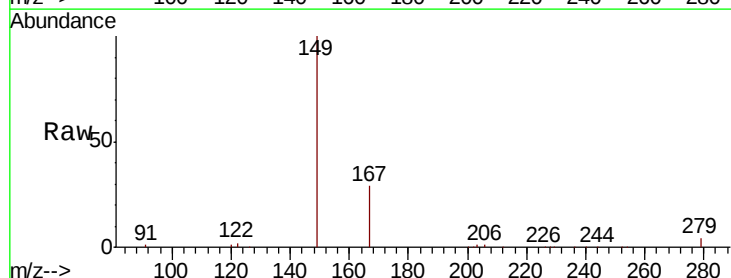
Instrument :
BNA_N
ClientSampleId :

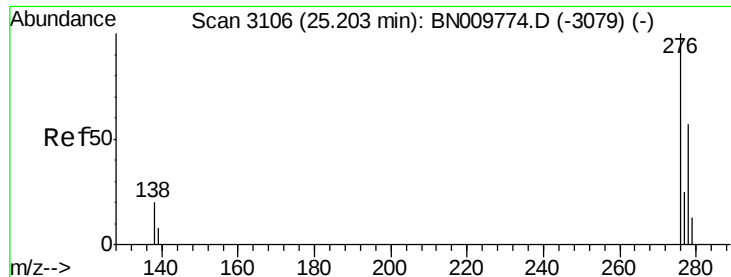
Tot Ion:228 Resp: 53166
Ion Ratio Lower Upper
228 100
226 29.6 24.8 37.2
229 19.1 16.4 24.6



#32
Bis(2-ethylhexyl)phthalate
Concen: 3.826 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:149 Resp: 23689
Ion Ratio Lower Upper
149 100
167 28.2 22.7 34.1
279 3.8 3.1 4.7

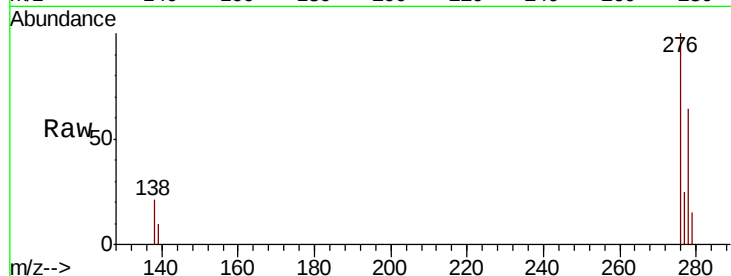




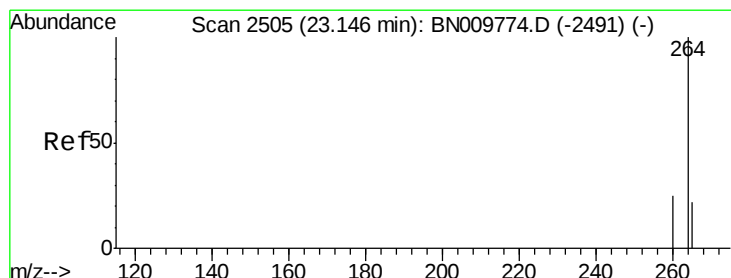
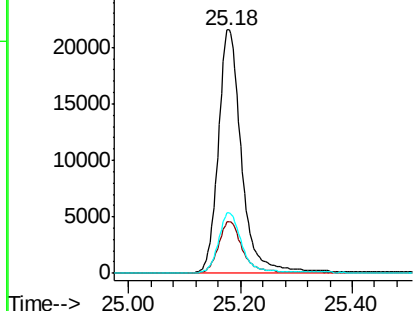
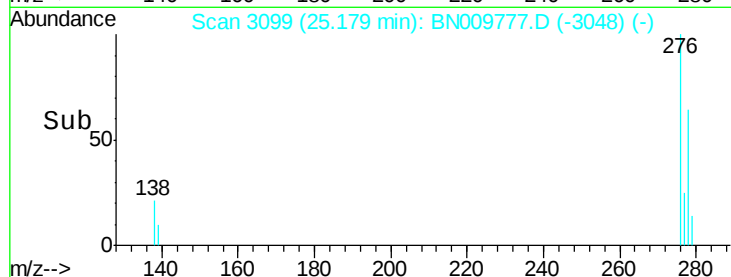
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.698 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 61600
Ion Ratio Lower Upper
276 100
138 21.6 15.8 23.6
277 24.9 19.3 28.9

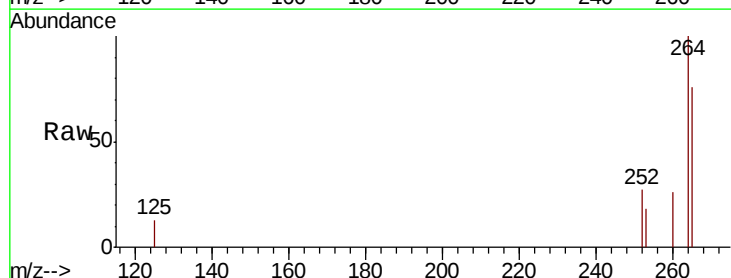


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

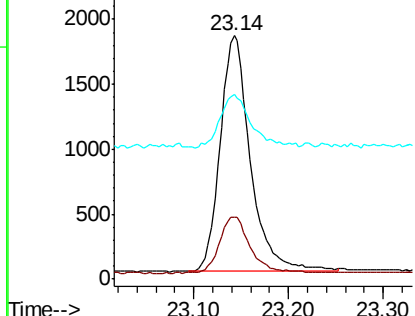
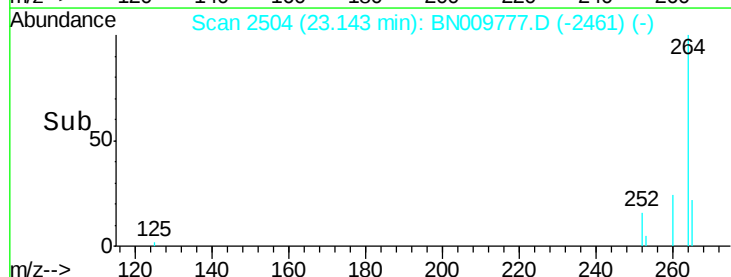


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:264 Resp: 4052
Ion Ratio Lower Upper
264 100
260 25.7 21.1 31.7
265 76.1 57.5 86.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.627 ng

RT: 22.51 min Scan# 2319

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

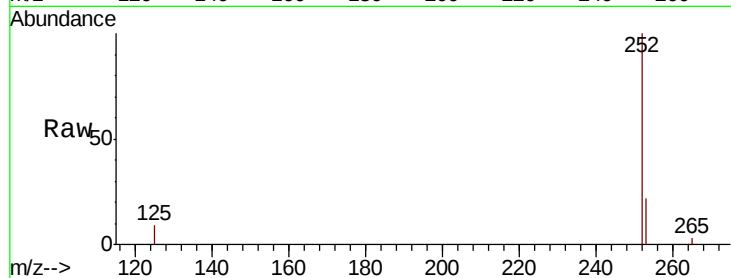
Tot Ion:252 Resp: 54062

Ion Ratio Lower Upper

252 100

253 22.0 23.0 34.6#

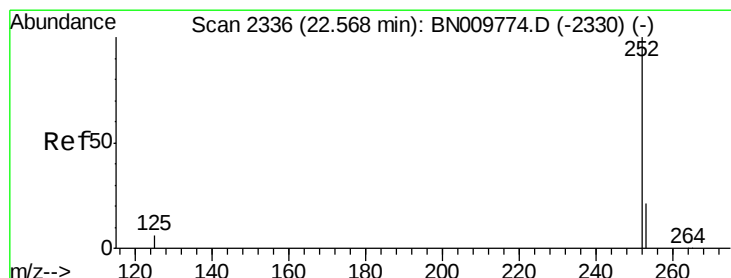
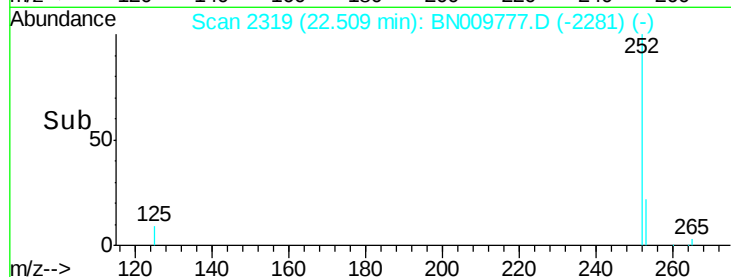
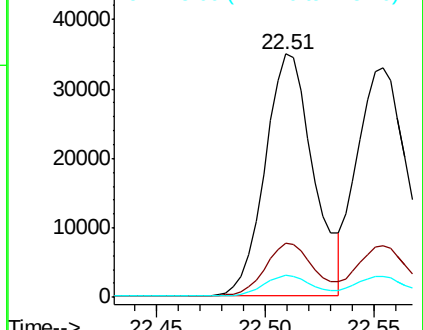
125 9.0 14.4 21.6#



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: 3.357 ng

RT: 22.55 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

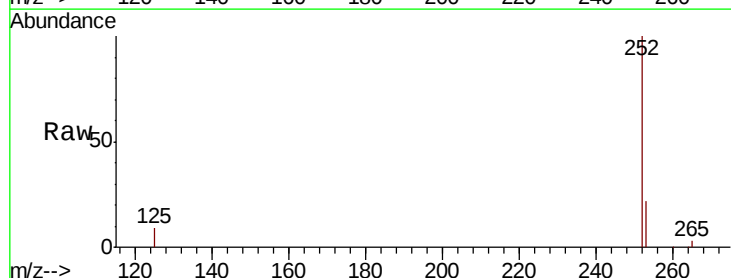
Tgt Ion:252 Resp: 55219

Ion Ratio Lower Upper

252 100

253 22.2 22.2 33.2

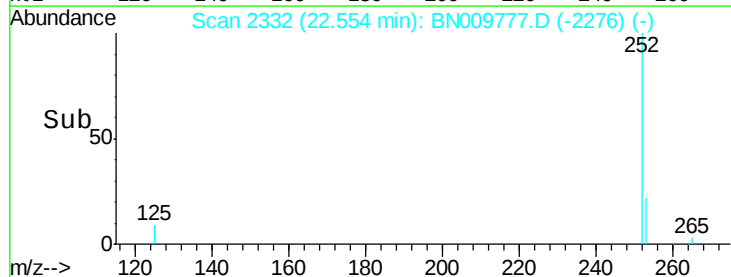
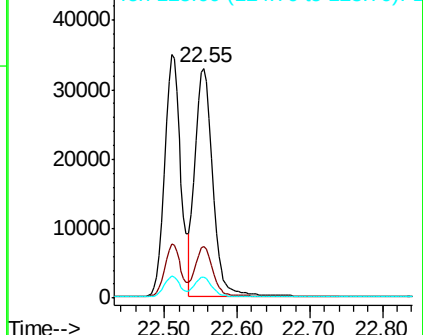
125 8.9 10.5 15.7#

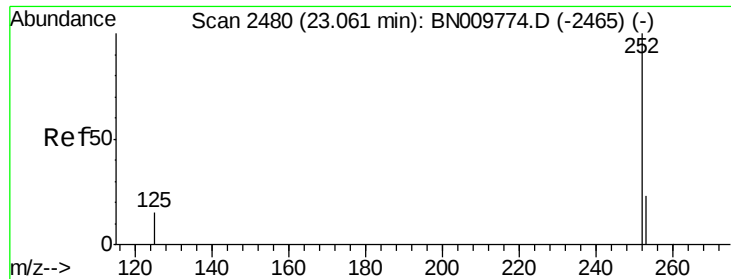


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.618 ng

RT: 23.05 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :

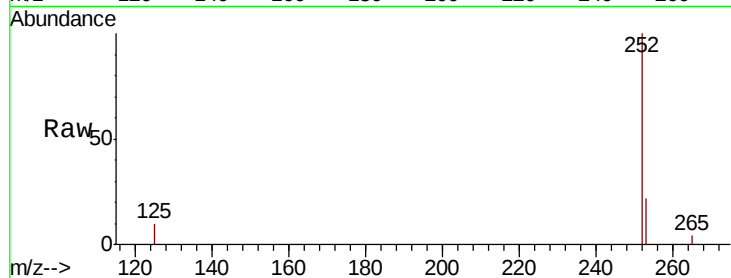
Tot Ion:252 Resp: 47470

Ion Ratio Lower Upper

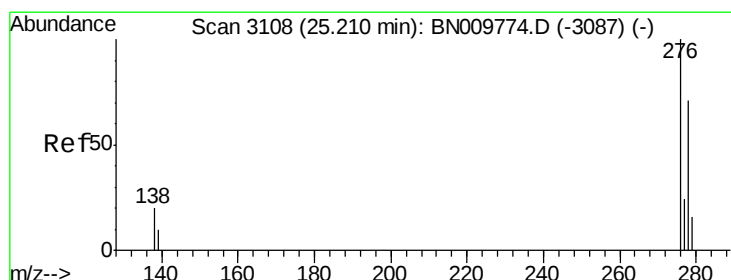
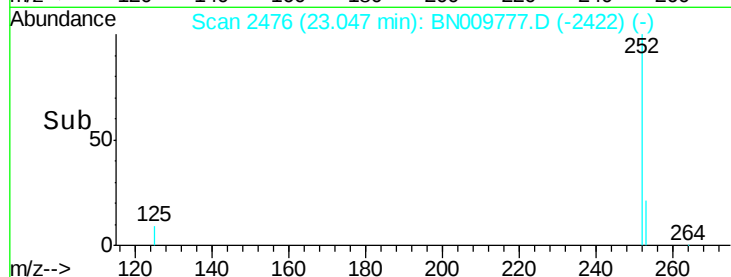
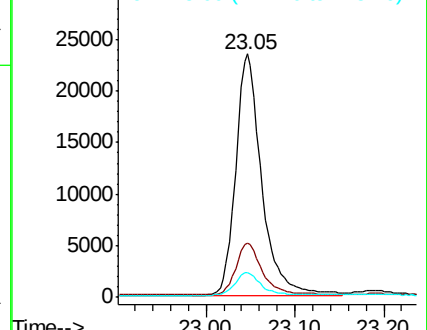
252 100

253 22.4 25.3 37.9#

125 10.3 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: 3.795 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

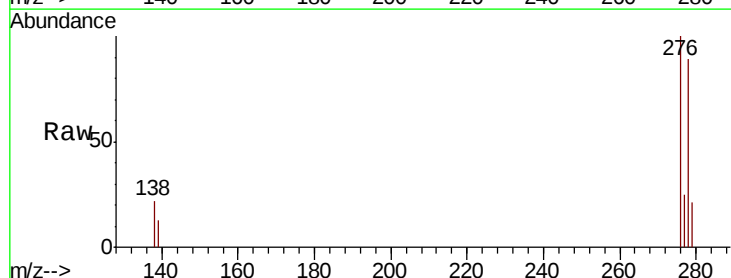
Tgt Ion:278 Resp: 50087

Ion Ratio Lower Upper

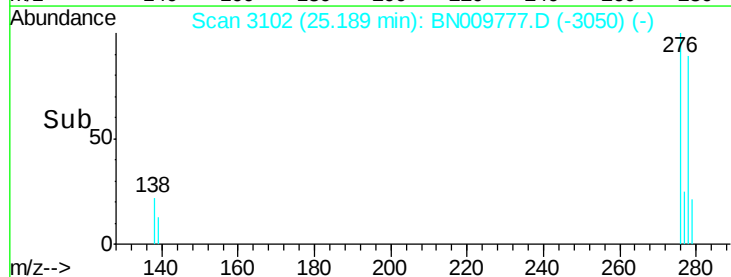
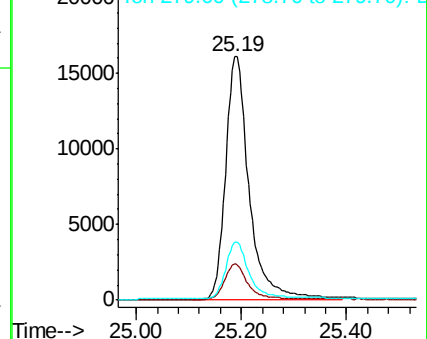
278 100

139 14.9 14.5 21.7

279 24.0 24.3 36.5#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 3.509 ng

RT: 25.80 min Scan# 3281

Delta R.T. -0.03 min

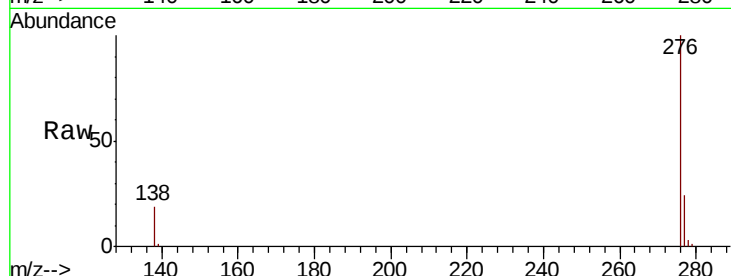
Lab File: BN009777.D

Acq: 19 Feb 2020 14:08

Instrument :

BNA_N

ClientSampleId :



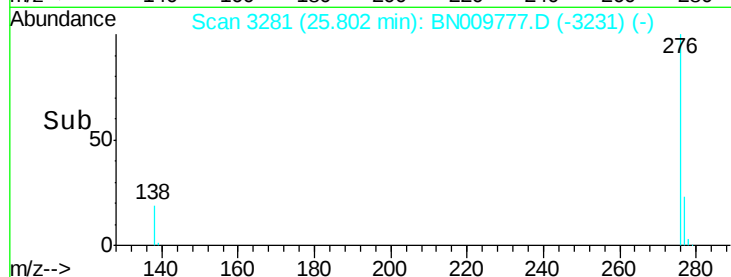
Tot Ion: 276 Resp: 50949

Ion Ratio Lower Upper

276 100

277 23.8 21.4 32.0

138 19.0 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

