

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007109.D
 Acq On : 12 Aug 2019 23:06
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 04:17:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	18	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	33	0.40	ng	0.00
12) Acenaphthene-d10	14.07	164	59	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	197	0.40	ng	0.00
26) Chrysene-d12	21.05	240	208	0.40	ng	-0.01
32) Perylene-d12	23.15	264	90	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.07	112	21	0.49	ng	0.00
4) Phenol-d6	6.61	99	87	1.62	ng	0.00
7) Nitrobenzene-d5	8.56	82	84	3.16	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	55	0.89	ng	0.00
13) 2,4,6-Tribromophenol	15.58	330	17	0.54	ng	0.01
14) 2-Fluorobiphenyl	12.71	172	81	0.94	ng	0.00
24) Fluoranthene-d10	18.87	212	206	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	158	0.28	ng	0.00

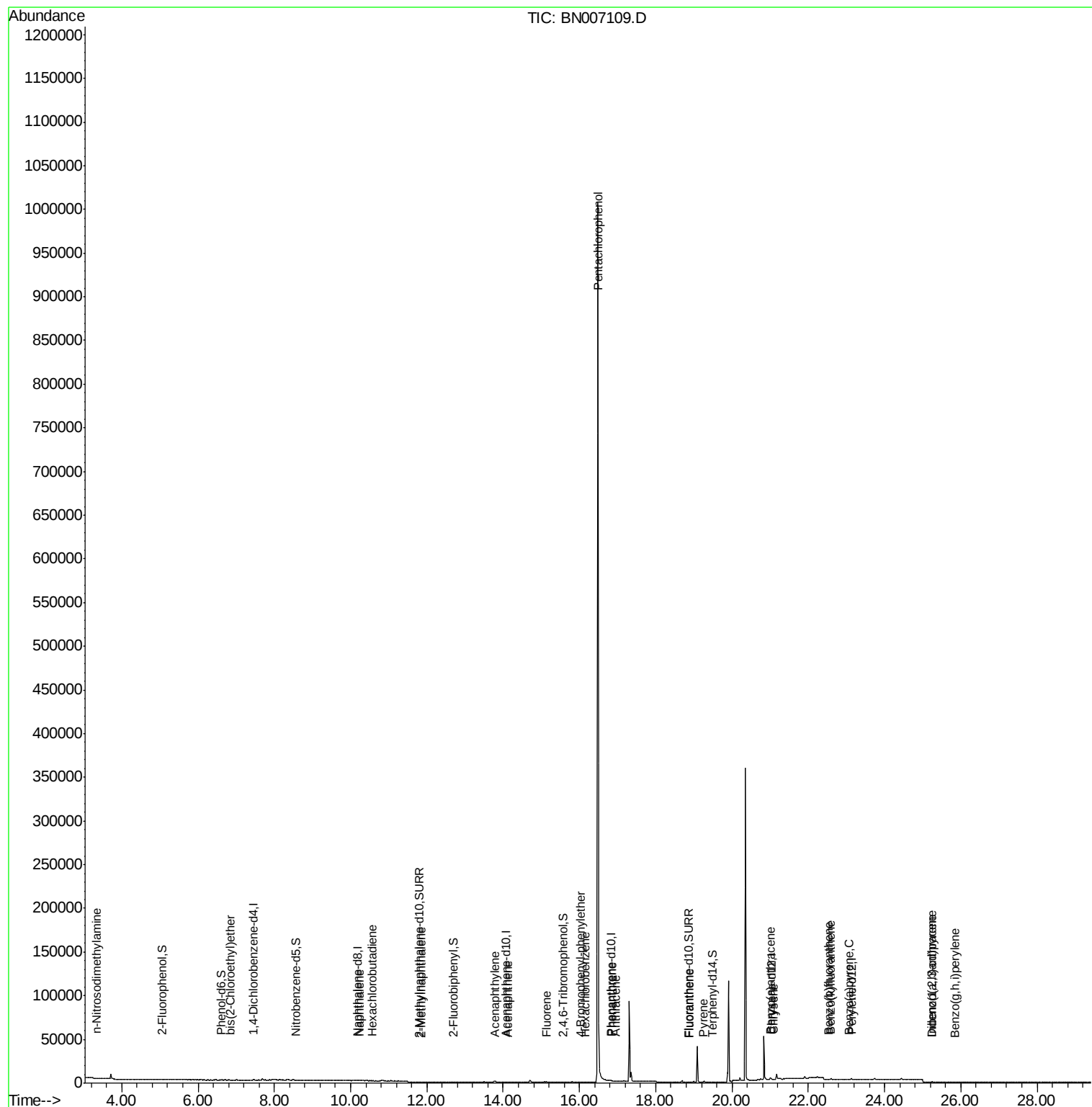
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	156	13.173	ng	# 1
5) bis(2-Chloroethyl)ether	6.86	93	28	0.591	ng	# 62
8) Naphthalene	10.24	128	101	1.092	ng	# 1
9) Hexachlorobutadiene	10.58	225	3	0.152	ng	# 18
11) 2-Methylnaphthalene	11.86	142	39	0.595	ng	# 19
15) Acenaphthylene	13.79	152	772	2.503	ng	# 89
16) Acenaphthene	14.13	154	84	0.425	ng	# 82
17) Fluorene	15.14	166	146	0.494	ng	# 75
19) 4-Bromophenyl-phenylether	16.03	248	170	1.395	ng	# 27
20) Hexachlorobenzene	16.14	284	16	0.137	ng	# 1
21) Pentachlorophenol	16.48	266	461234	10560.934	ng	# 98
22) Phenanthrene	16.87	178	200	0.339	ng	# 75
23) Anthracene	16.95	178	124	0.230	ng	# 86
25) Fluoranthene	18.90	202	304	0.403	ng	# 77
27) Pyrene	19.26	202	488	0.669	ng	# 18
29) Benzo(a)anthracene	21.02	228	326	0.429	ng	# 16
30) Chrysene	21.08	228	371	0.502	ng	# 51
31) Indeno(1,2,3-cd)pyrene	25.23	276	489	0.600	ng	# 34
33) Benzo(b)fluoranthene	22.54	252	448	1.452	ng	# 1
34) Benzo(k)fluoranthene	22.58	252	496	1.627	ng	# 1
35) Benzo(a)pyrene	23.06	252	303	1.083	ng	# 1
36) Dibenzo(a,h)anthracene	25.25	278	459	1.644	ng	# 1
37) Benzo(g,h,i)perylene	25.86	276	451	1.571	ng	# 1

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

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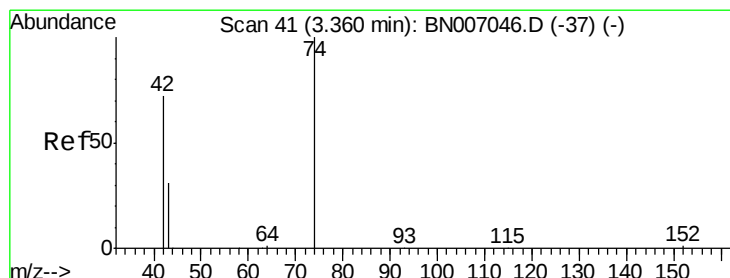
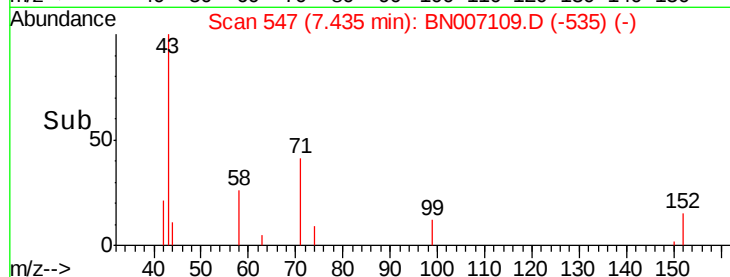
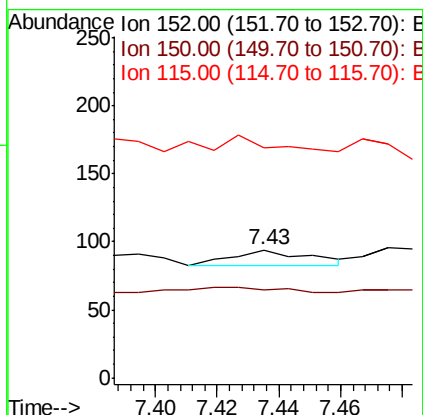
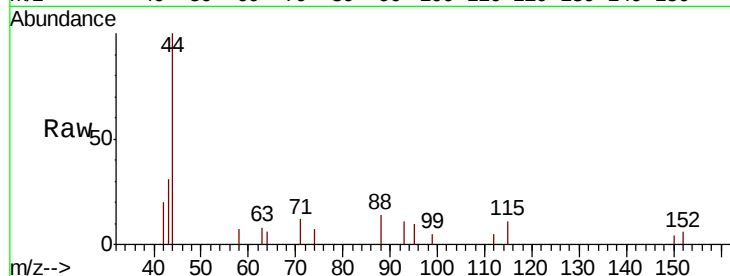


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007109.D
Acq: 12 Aug 2019 23:06

Instrument :
BNA_N
ClientSampled :

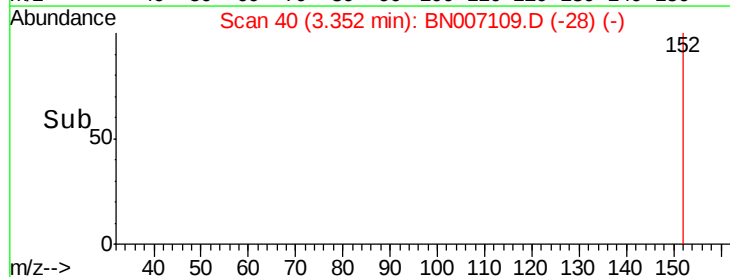
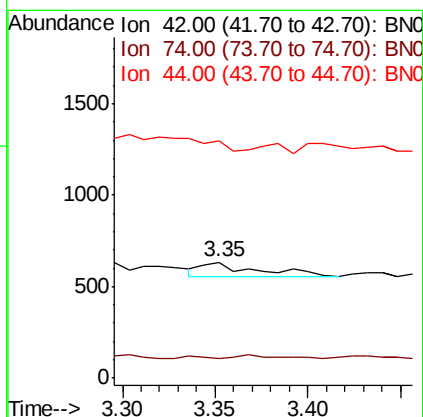
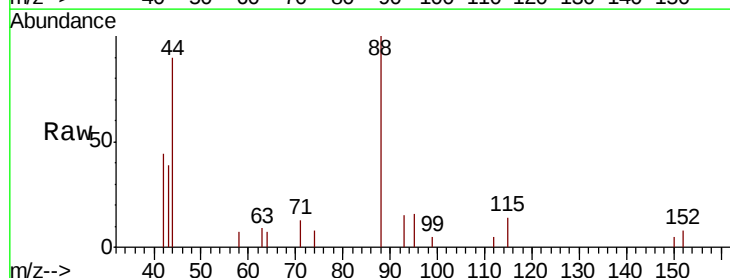
Tot Ion	Ratio	Lower	Upper
152	100		
150	69.1	121.7	182.5#
115	179.8	46.2	69.4#

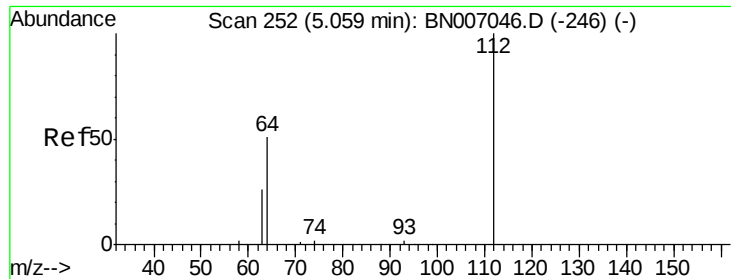


#2

n-Nitrosodimethylamine
Concen: 13.173 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007109.D
Acq: 12 Aug 2019 23:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	8.3	110.6	166.0#
44	0.0	0.0	0.0





#3

2-Fluorophenol

Concen: 0.486 ng

RT: 5.07 min Scan# 253

Delta R.T. 0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

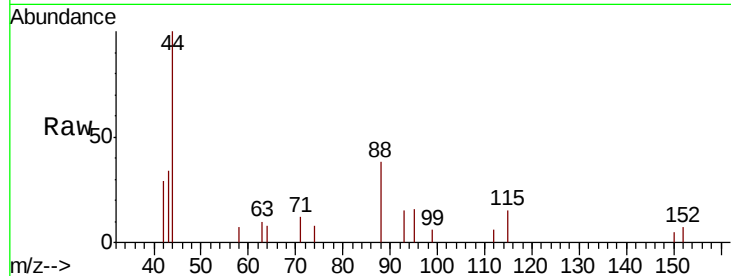
Tot Ion: 112 Resp: 21

Ion Ratio Lower Upper

112 100

64 47.6 42.6 63.8

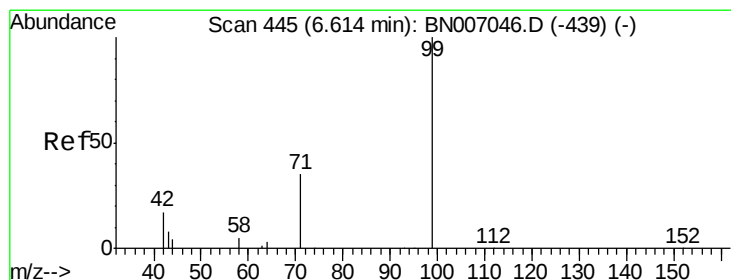
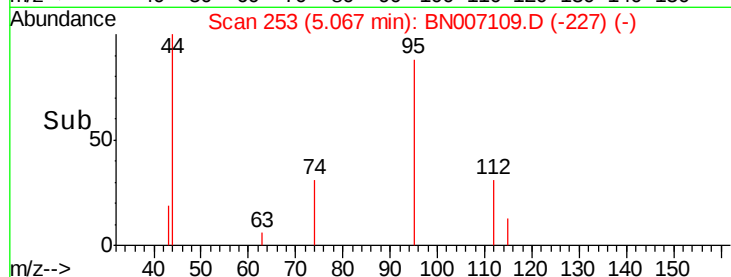
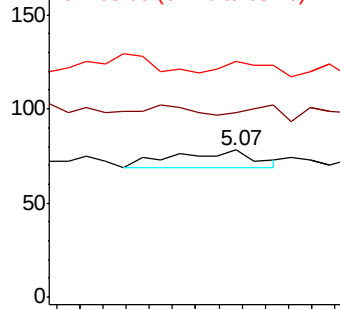
63 57.1 22.2 33.2#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#4

Phenol-d6

Concen: 1.624 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

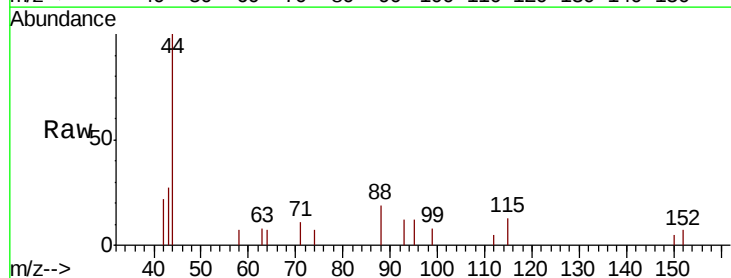
Tgt Ion: 99 Resp: 87

Ion Ratio Lower Upper

99 100

42 58.6 15.8 23.6#

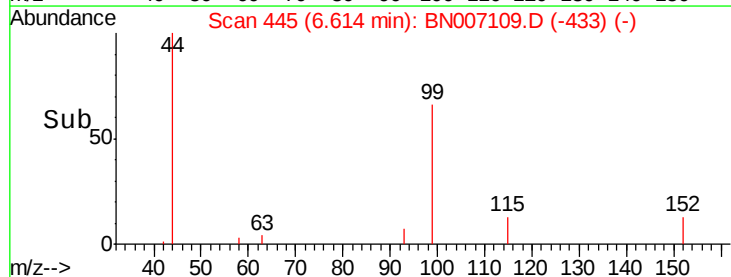
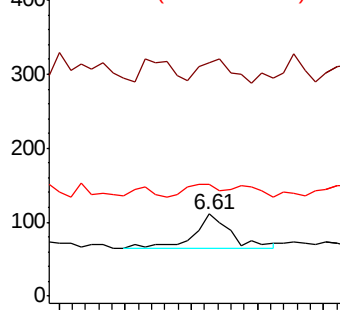
71 33.3 27.0 40.4

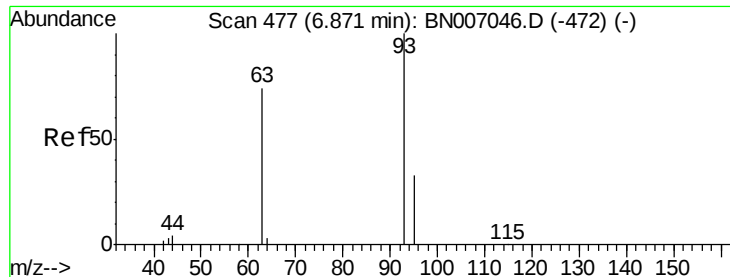


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#5

bis(2-Chloroethyl)ether

Concen: 0.591 ng

RT: 6.86 min Scan# 475

Delta R.T. -0.02 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampled :

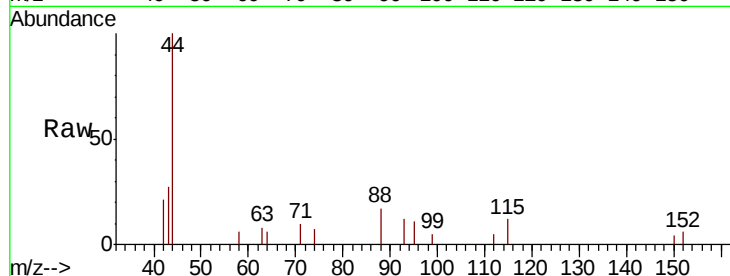
Tot Ion: 93 Resp: 28

Ion Ratio Lower Upper

93 100

63 46.4 55.6 83.4#

95 0.0 26.7 40.1#

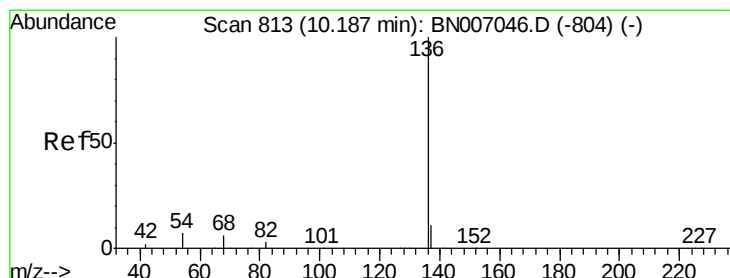
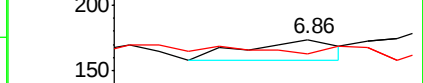
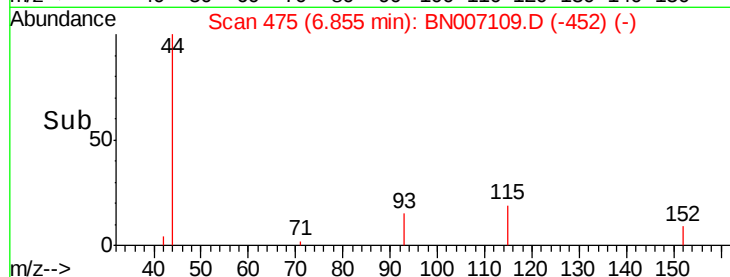


Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007046.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007046.D (-472) (-)

Time-->



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Tgt Ion: 136 Resp: 33

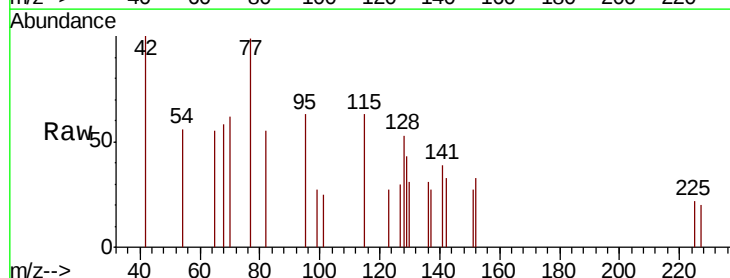
Ion Ratio Lower Upper

136 100

137 84.8 9.4 14.0#

54 177.2 6.6 9.8#

68 184.8 6.0 9.0#



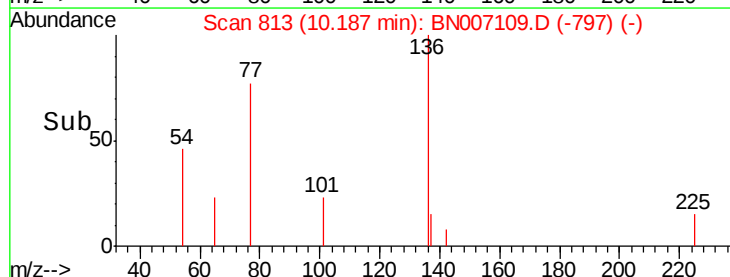
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

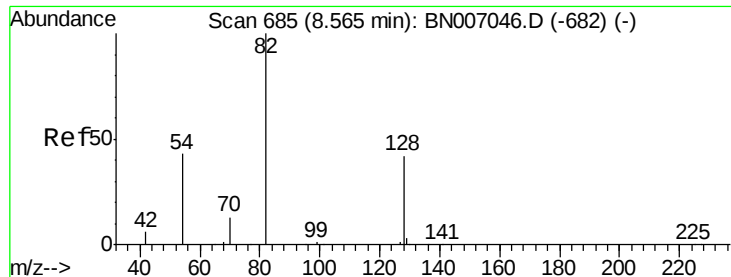
Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)

Time-->





#7

Nitrobenzene-d5

Concen: 3.157 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampled :

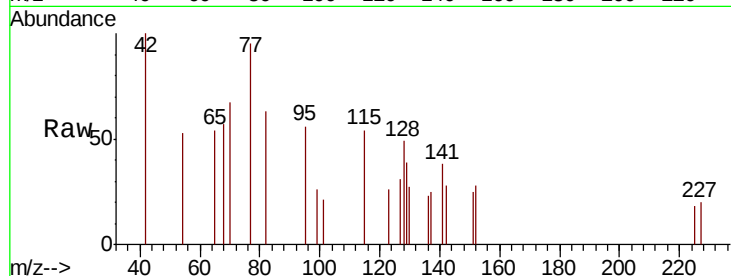
Tot Ion: 82 Resp: 84

Ion Ratio Lower Upper

82 100

128 77.7 34.6 51.8#

54 83.8 36.2 54.4#

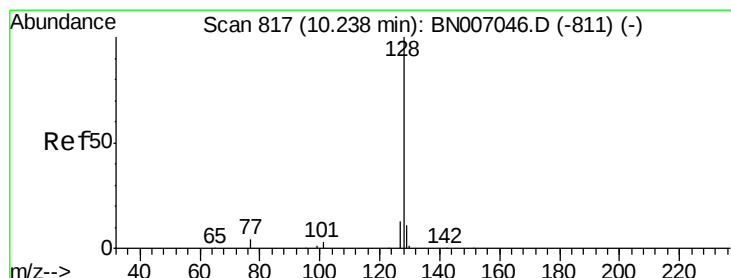
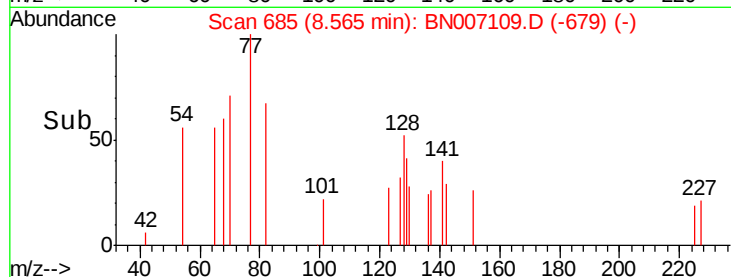
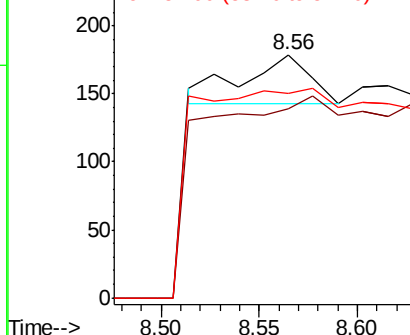


Abundance

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



#8

Naphthalene

Concen: 1.092 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

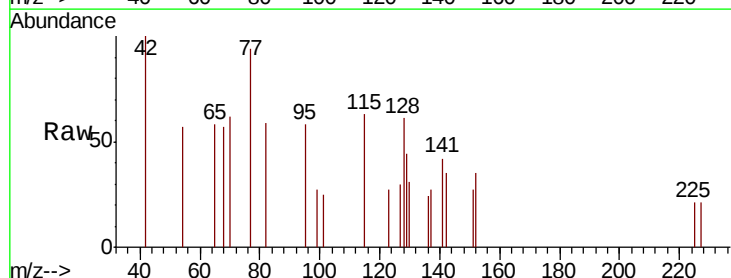
Tgt Ion: 128 Resp: 101

Ion Ratio Lower Upper

128 100

129 71.8 9.4 14.2#

127 48.7 11.0 16.6#

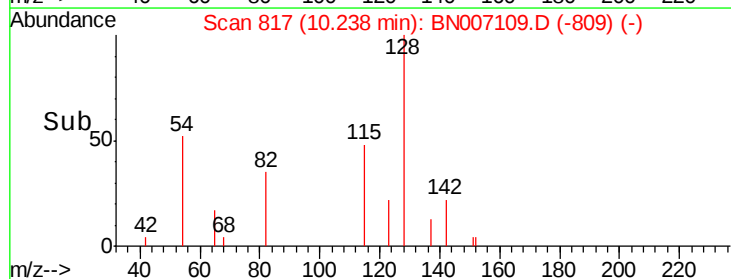
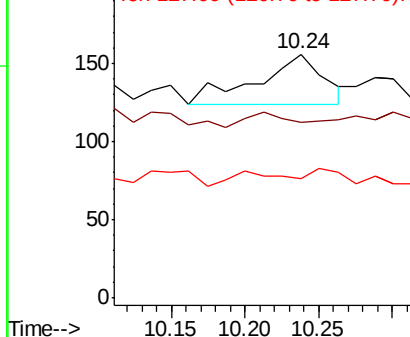


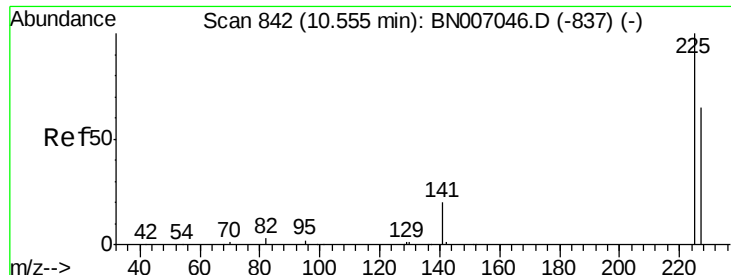
Abundance

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

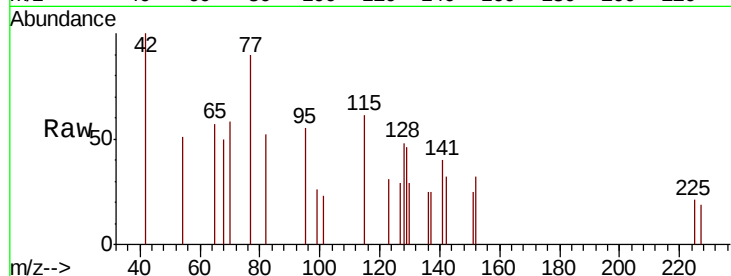




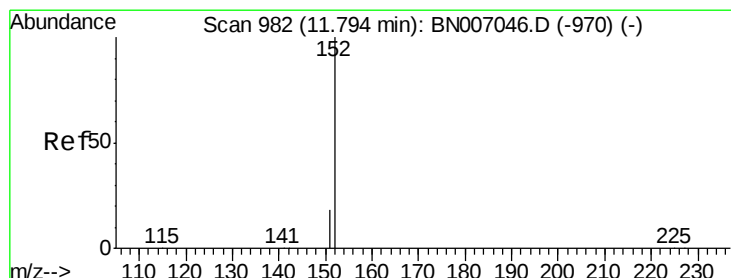
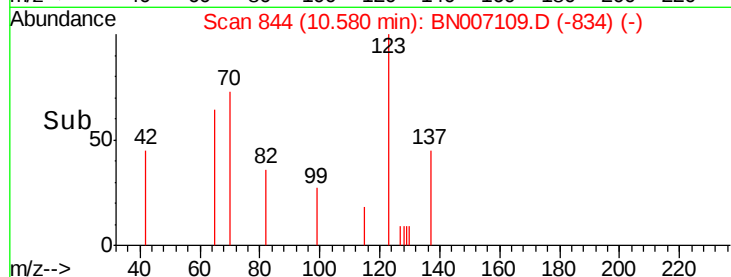
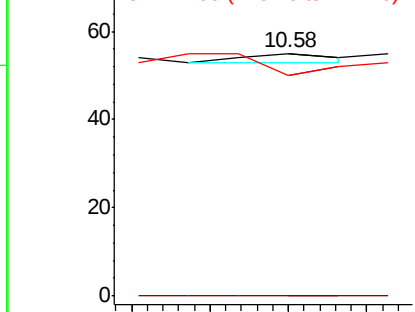
#9
Hexachlorobutadiene
Concen: 0.152 ng
RT: 10.58 min Scan# 844
Delta R.T. 0.03 min
Lab File: BN007109.D
Acq: 12 Aug 2019 23:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 51.1 76.7#

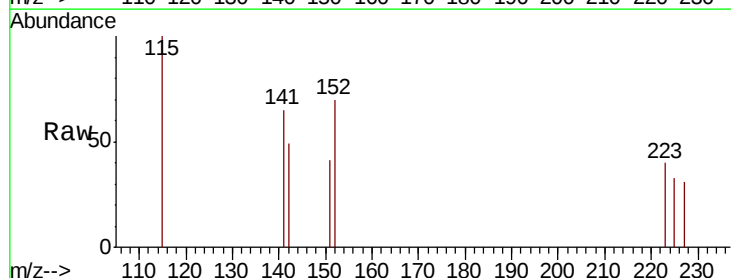


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

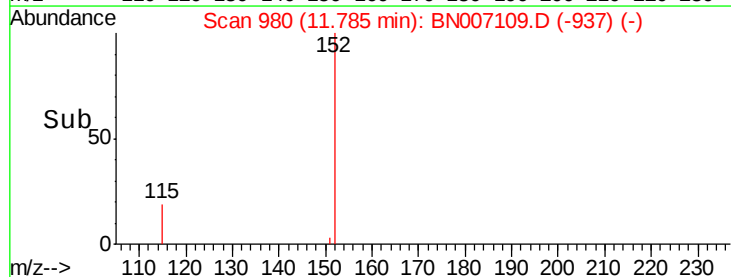
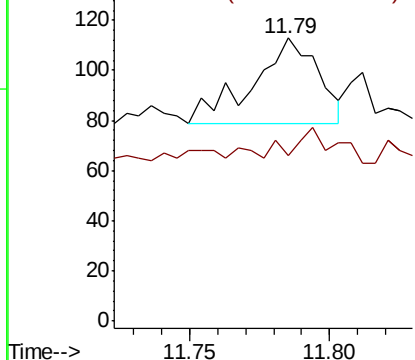


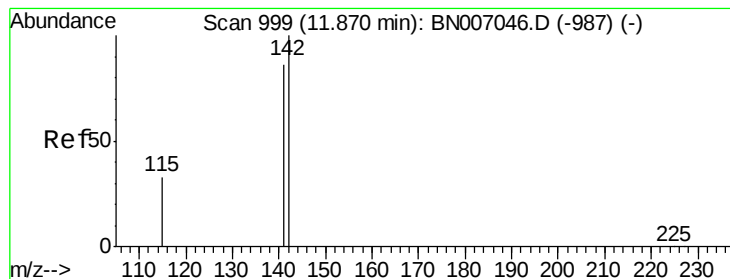
#10
2-Methylnaphthalene-d10
Concen: 0.894 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007109.D
Acq: 12 Aug 2019 23:06

Tgt Ion:152 Resp: 55
Ion Ratio Lower Upper
152 100
151 29.1 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.595 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampled :

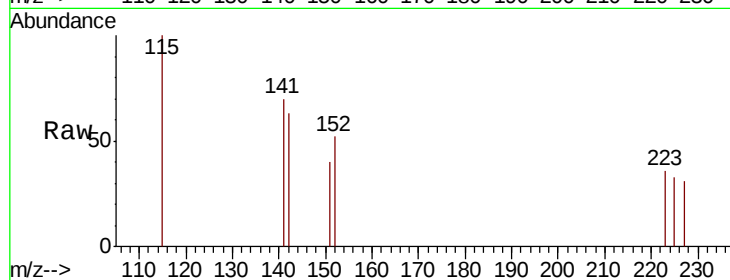
Tot Ion:142 Resp: 39

Ion Ratio Lower Upper

142 100

141 111.5 69.0 103.6#

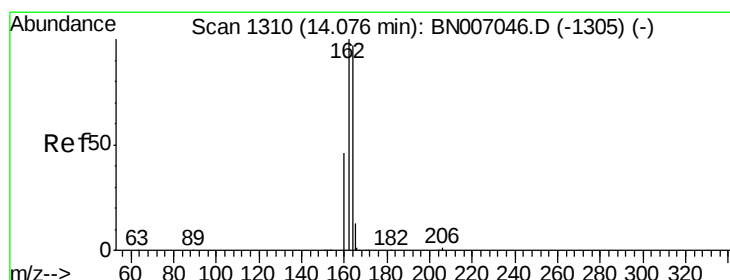
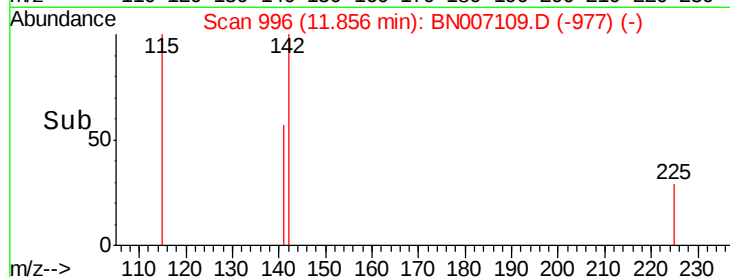
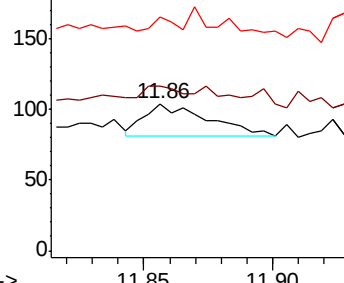
115 158.7 27.1 40.7#



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



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

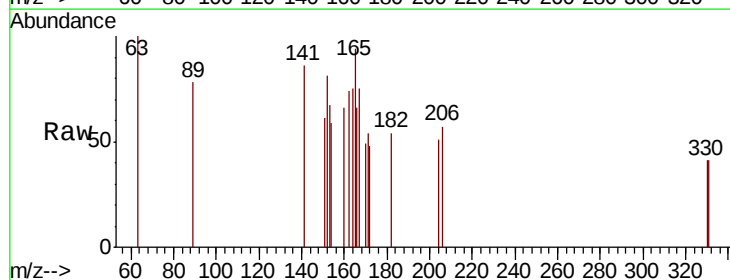
Tgt Ion:164 Resp: 59

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.4

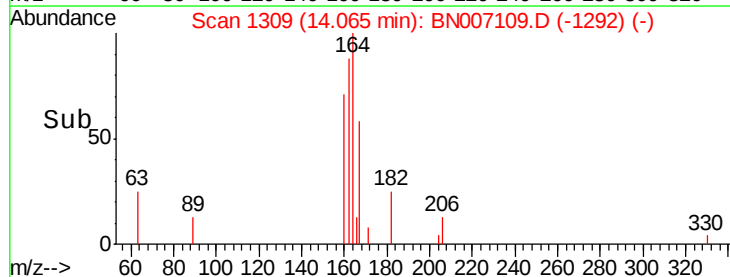
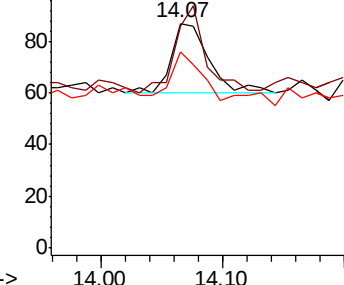
160 87.4 38.3 57.5#

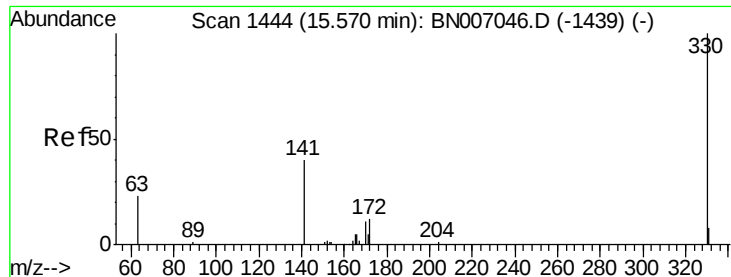


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

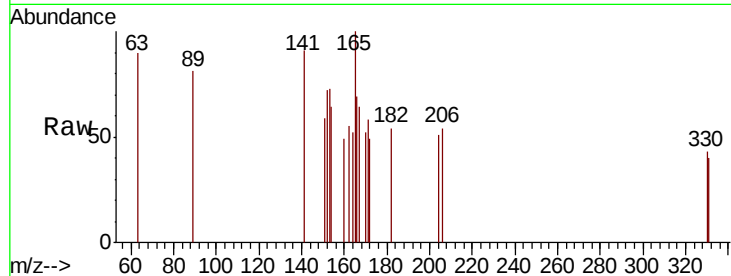




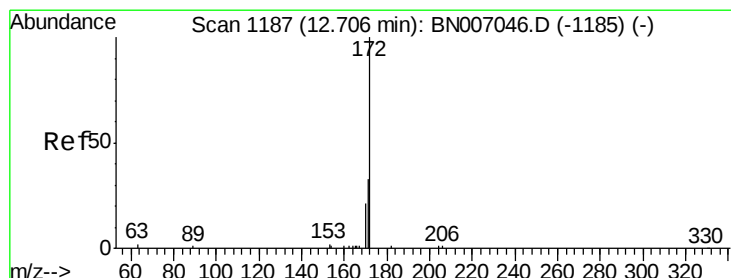
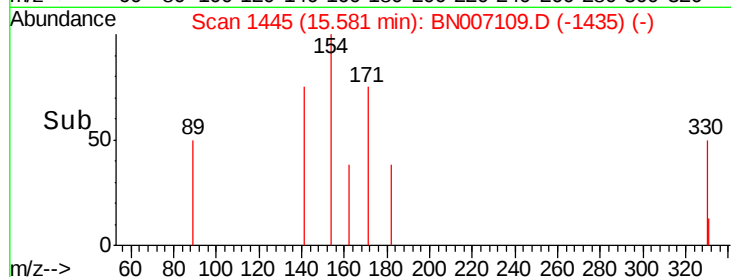
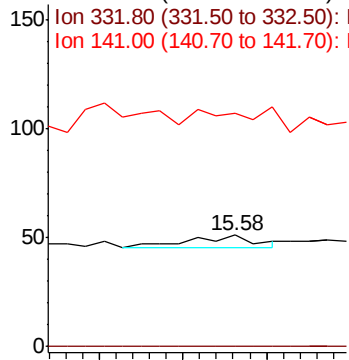
#13
 2,4,6-Tribromophenol
 Concen: 0.535 ng
 RT: 15.58 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BN007109.D
 Acq: 12 Aug 2019 23:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 17
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 0.0 33.6 50.4#

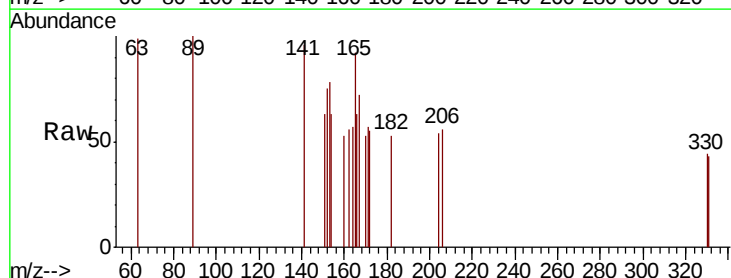


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

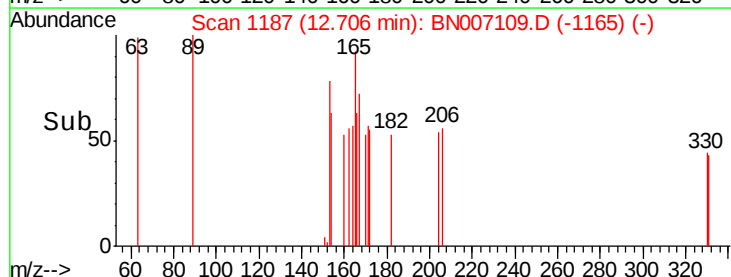
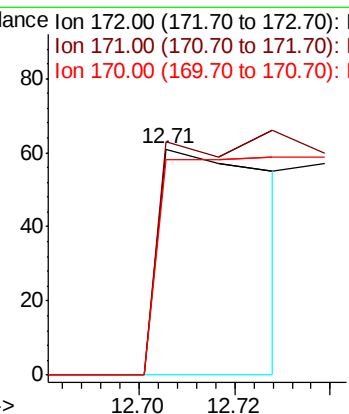


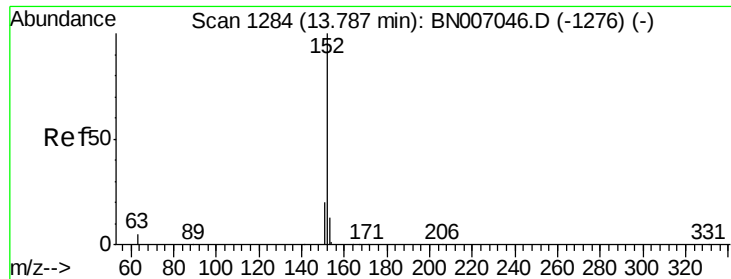
#14
 2-Fluorobiphenyl
 Concen: 0.944 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007109.D
 Acq: 12 Aug 2019 23:06

Tgt Ion:172 Resp: 81
 Ion Ratio Lower Upper
 172 100
 171 103.3 26.3 39.5#
 170 95.1 17.0 25.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 2.503 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

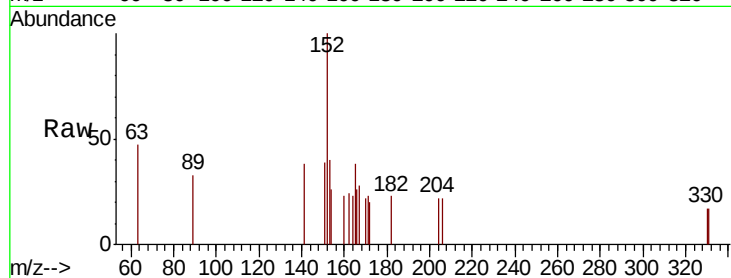
Tot Ion:152 Resp: 772

Ion Ratio Lower Upper

152 100

151 12.8 15.8 23.6#

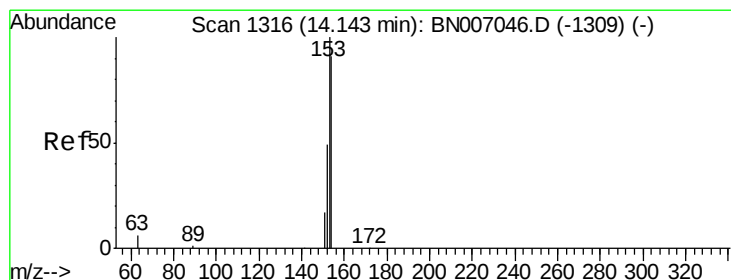
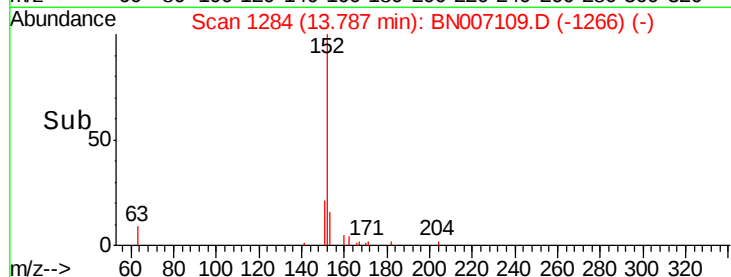
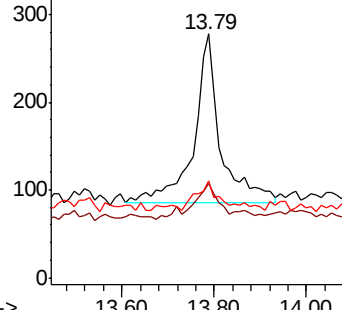
153 14.8 10.4 15.6



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



#16

Acenaphthene

Concen: 0.425 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

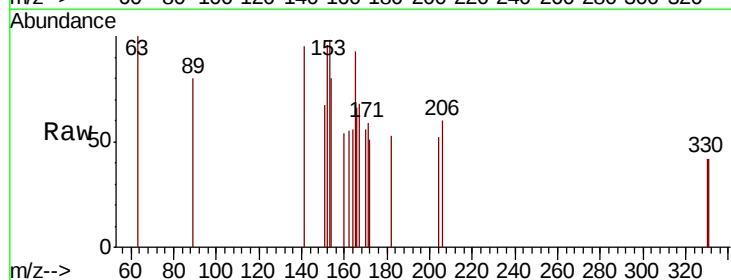
Tgt Ion:154 Resp: 84

Ion Ratio Lower Upper

154 100

153 101.2 89.5 134.3

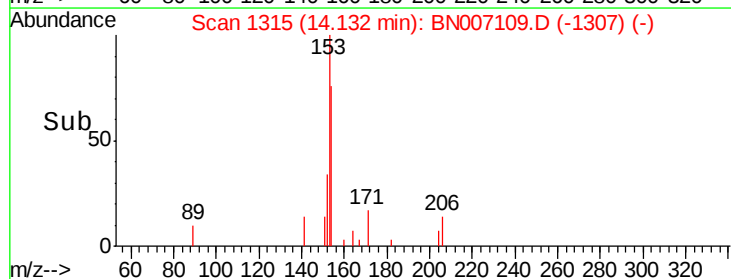
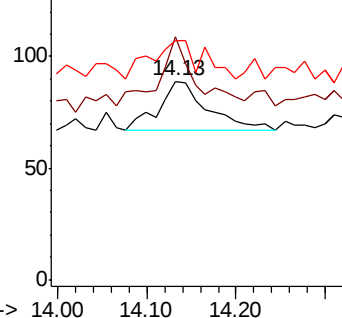
152 81.0 44.8 67.2#

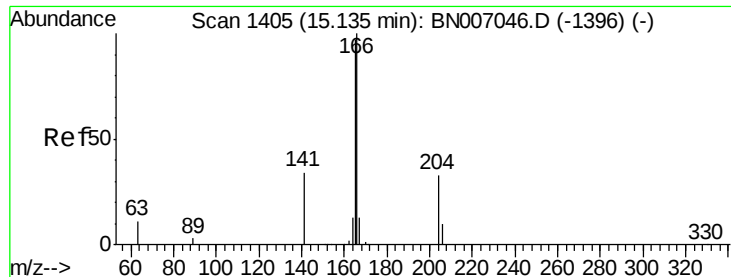


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.494 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

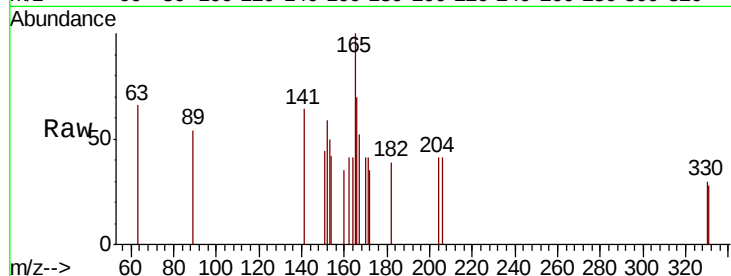
Tot Ion:166 Resp: 146

Ion Ratio Lower Upper

166 100

165 69.9 77.9 116.9#

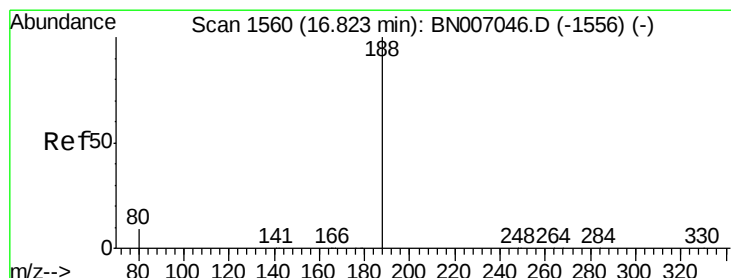
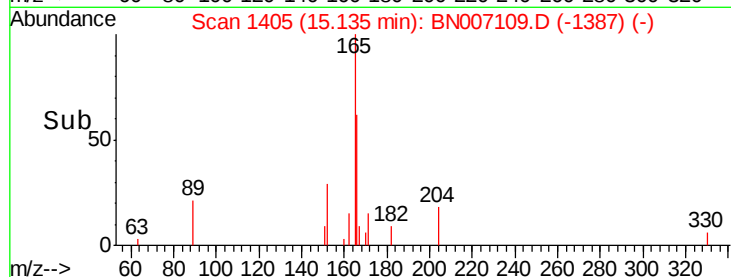
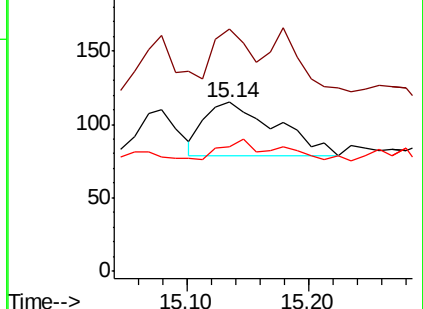
167 16.4 10.9 16.3#



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

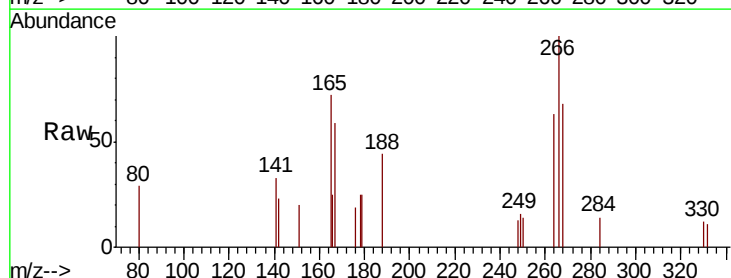
Tgt Ion:188 Resp: 197

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

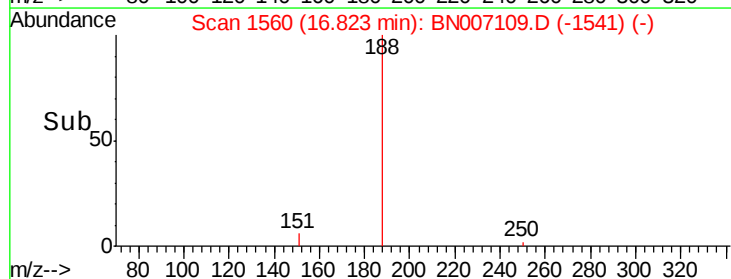
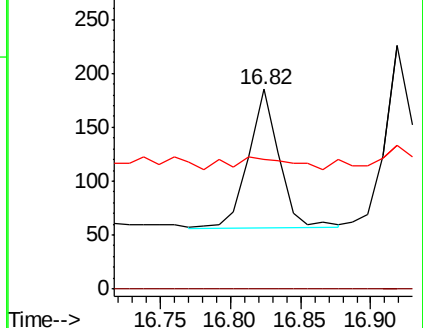
80 64.9 7.8 11.6#

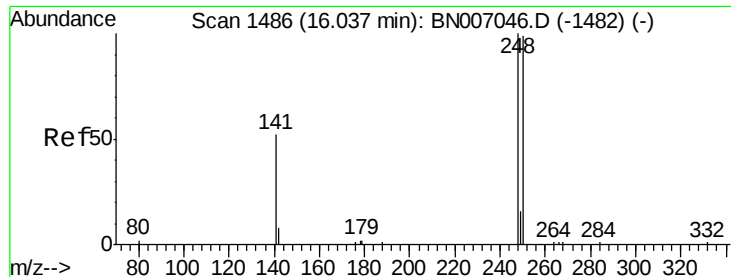


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 1.395 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampled :

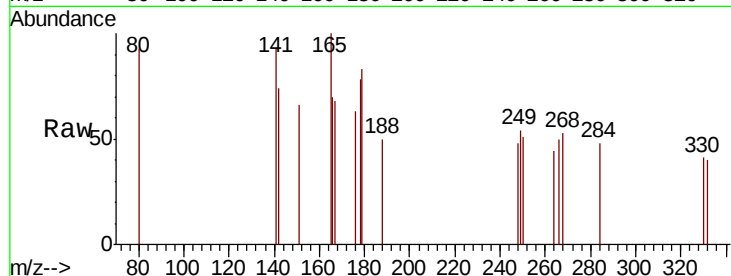
Tot Ion:248 Resp: 170

Ion Ratio Lower Upper

248 100

250 105.4 78.9 118.3

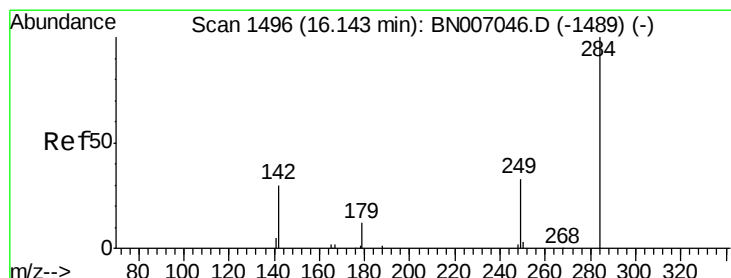
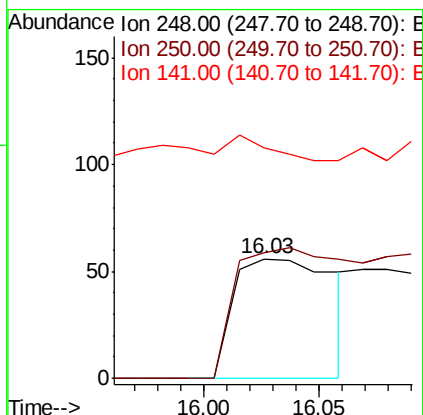
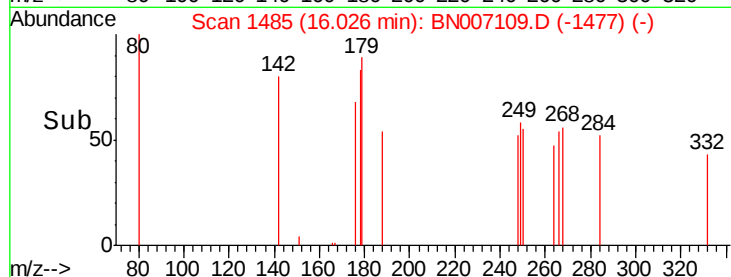
141 192.9 43.3 64.9#



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



#20

Hexachlorobenzene

Concen: 0.137 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

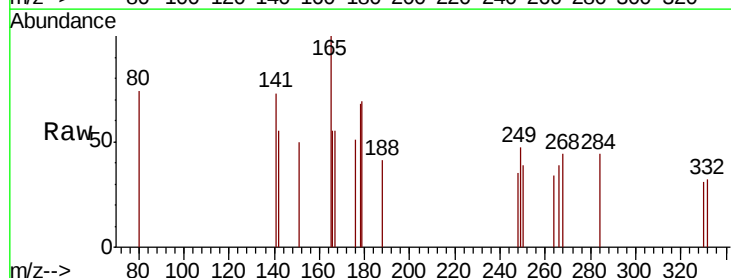
Tgt Ion:284 Resp: 16

Ion Ratio Lower Upper

284 100

142 0.0 30.5 45.7#

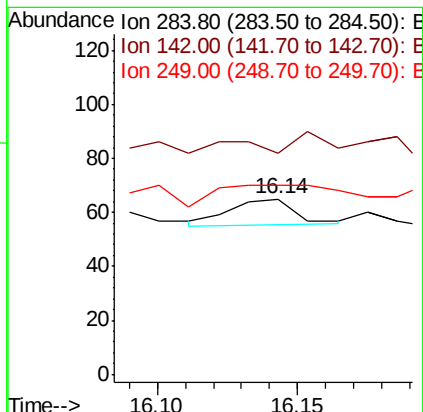
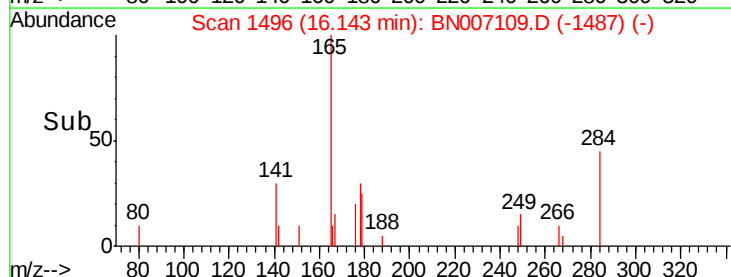
249 162.5 26.7 40.1#



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

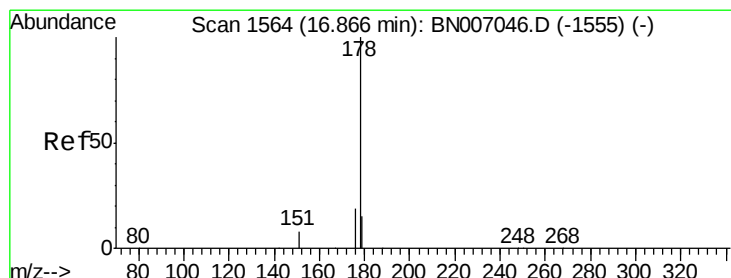
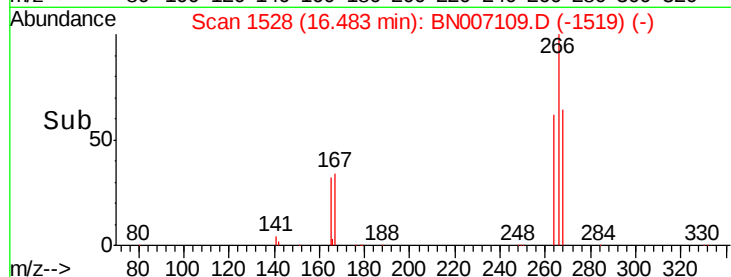
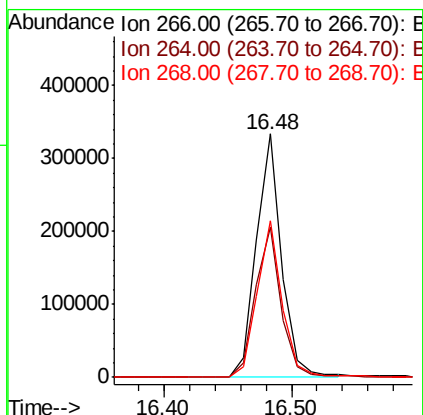
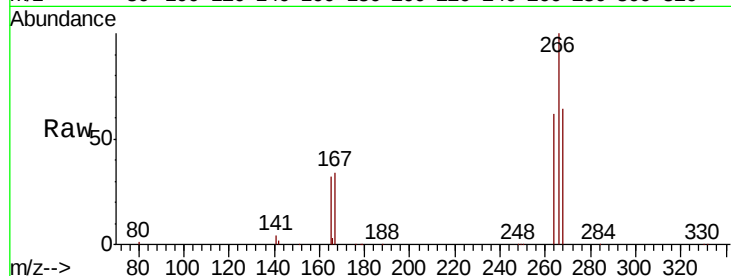




#21
 Pentachlorophenol
 Concen: 10560.934 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007109.D
 Acq: 12 Aug 2019 23:06

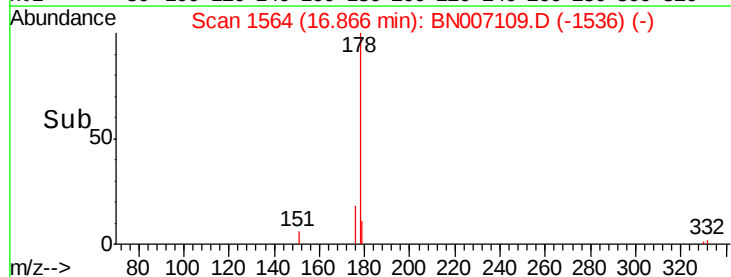
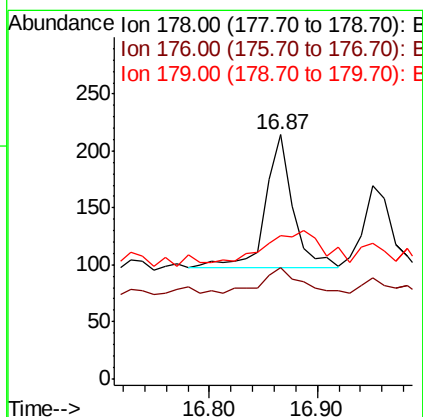
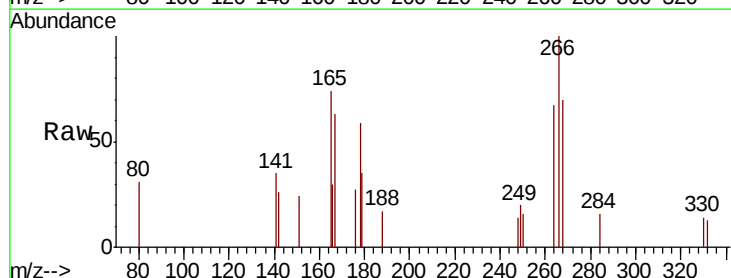
Instrument :
 BNA_N
 ClientSampleId :

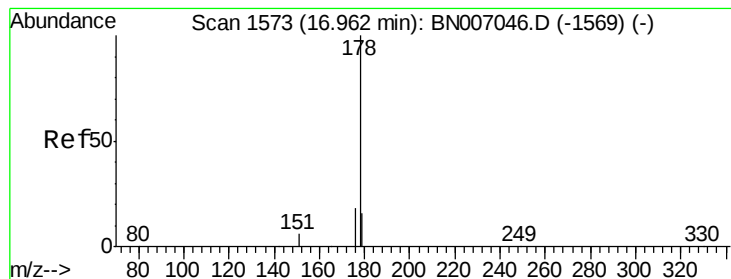
Tot Ion	Ratio	Lower	Upper
266	100		
264	61.6	52.3	78.5
268	64.3	51.5	77.3



#22
 Phenanthrene
 Concen: 0.339 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007109.D
 Acq: 12 Aug 2019 23:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.0	15.2	22.8#
179	0.0	12.3	18.5#





#23

Anthracene

Concen: 0.230 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

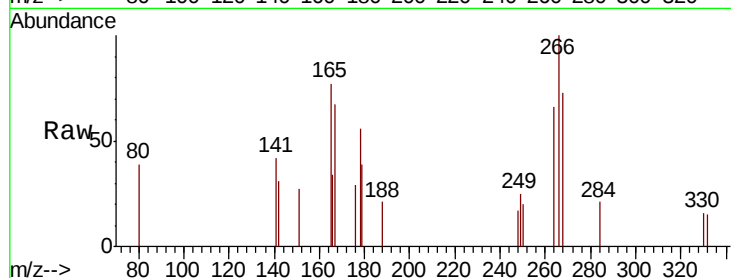
Tot Ion:178 Resp: 124

Ion Ratio Lower Upper

178 100

176 25.0 14.6 21.8#

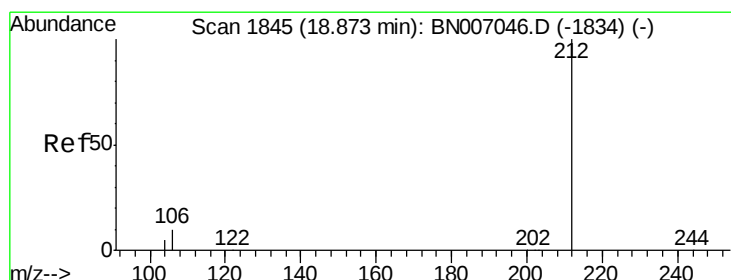
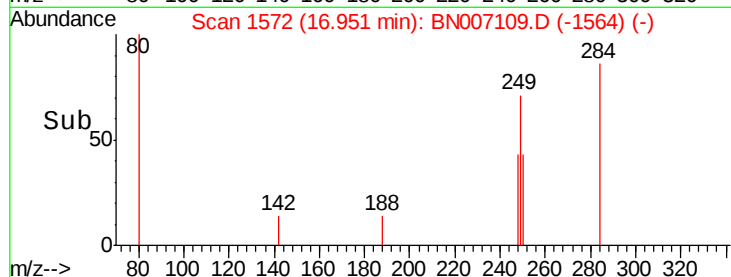
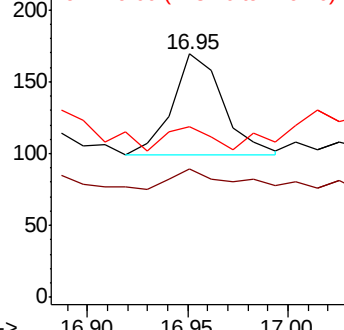
179 21.0 12.5 18.7#



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

Fluoranthene-d10

Concen: 0.295 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

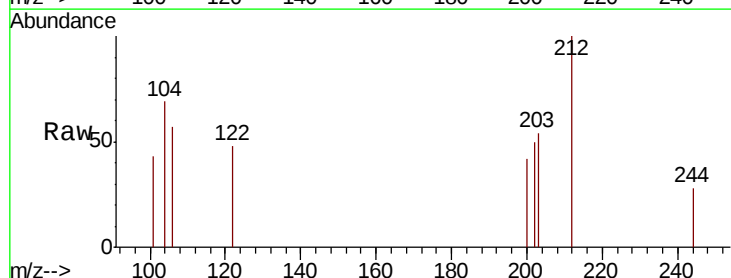
Tgt Ion:212 Resp: 206

Ion Ratio Lower Upper

212 100

106 13.6 8.2 12.2#

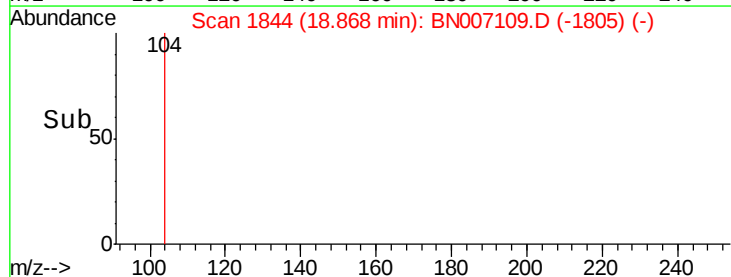
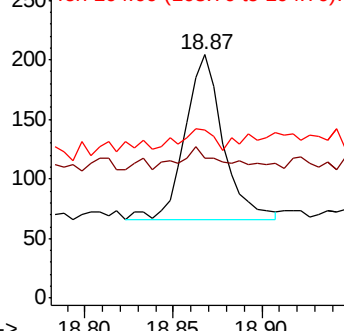
104 11.2 4.5 6.7#

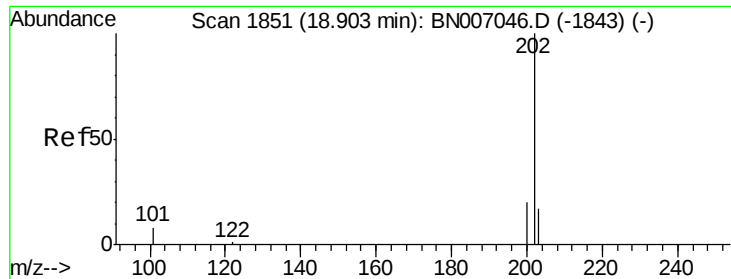


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.403 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

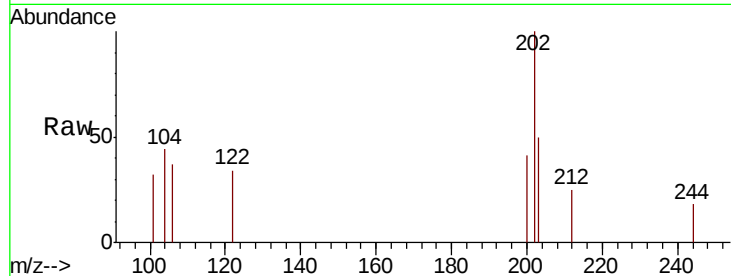
Tot Ion:202 Resp: 304

Ion Ratio Lower Upper

202 100

101 0.0 7.0 10.4#

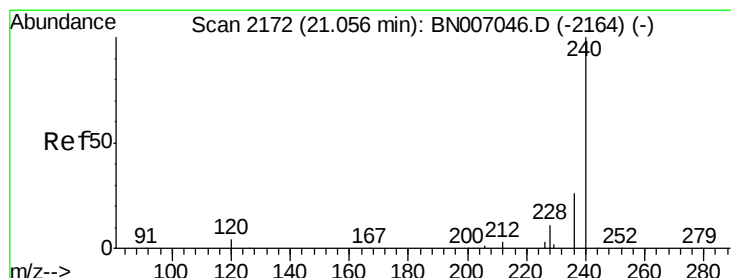
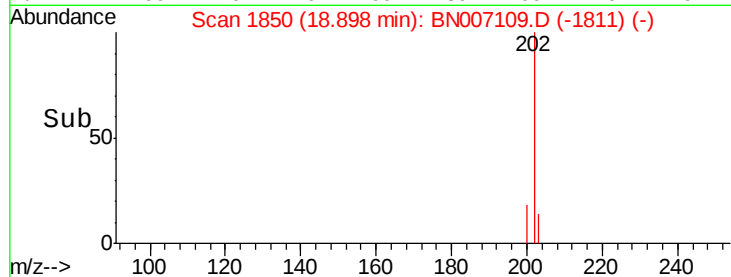
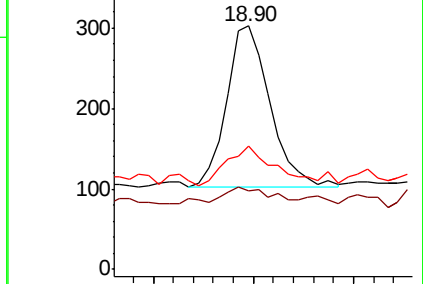
203 27.3 13.8 20.8#



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

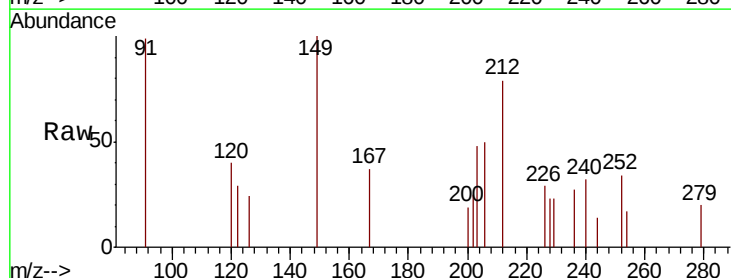
Tgt Ion:240 Resp: 208

Ion Ratio Lower Upper

240 100

120 124.9 4.0 6.0#

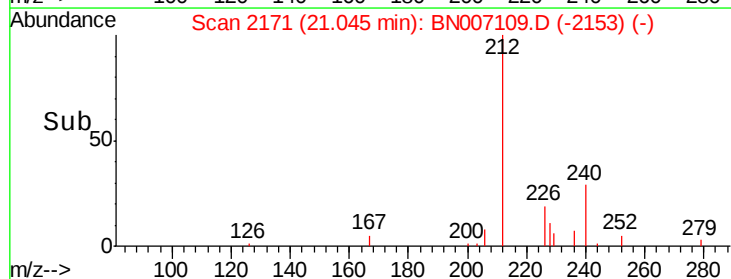
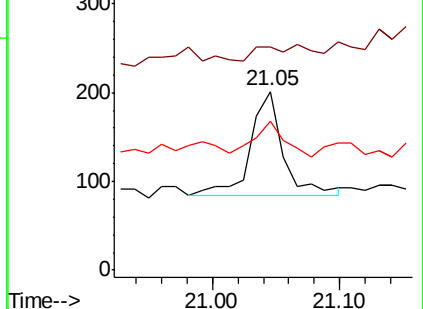
236 83.6 21.3 31.9#

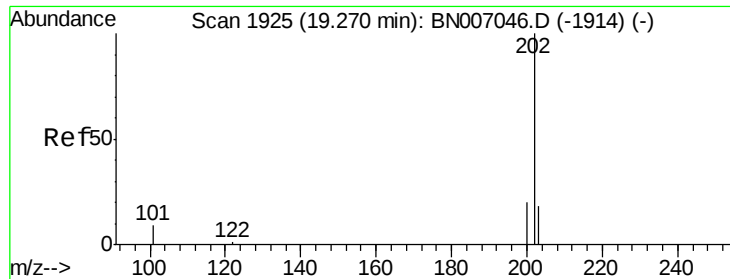


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

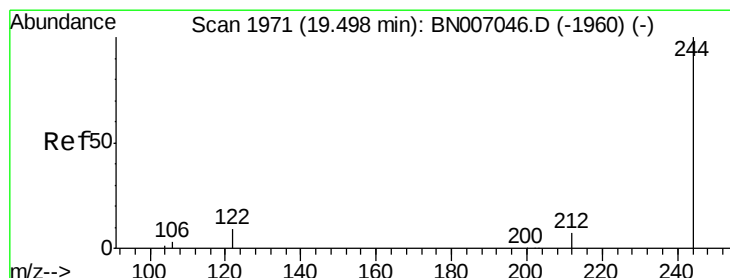
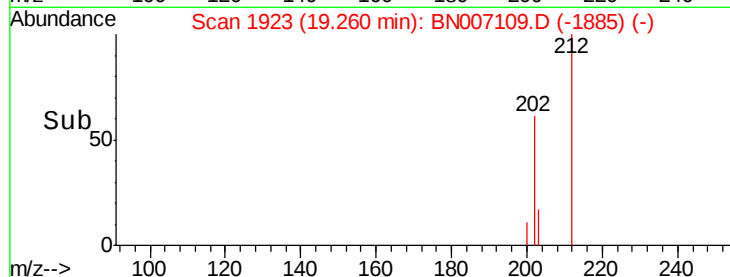
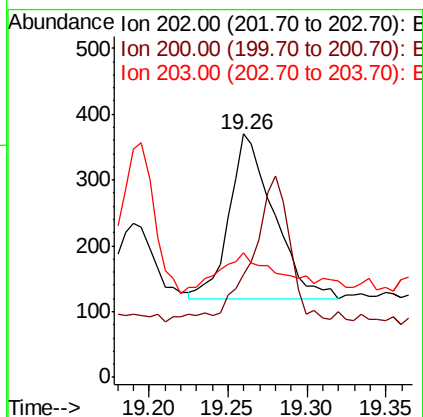
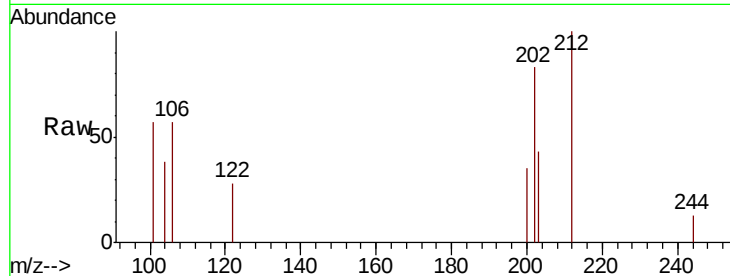




#27
Pvrene
Concen: 0.669 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007109.D
Acq: 12 Aug 2019 23:06

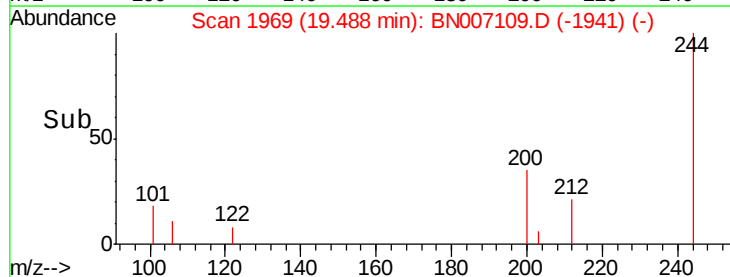
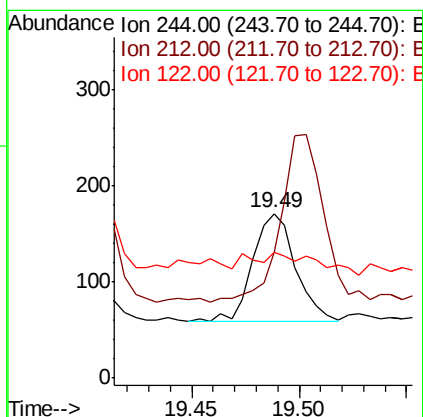
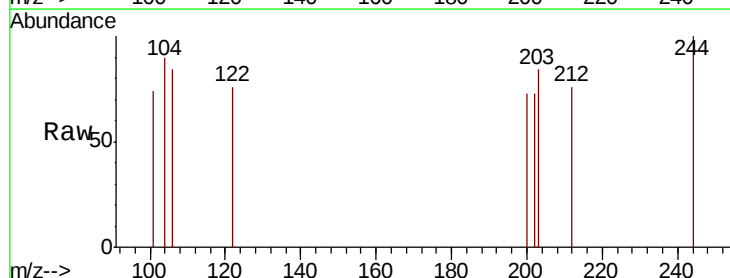
Instrument :
BNA_N
ClientSampled :

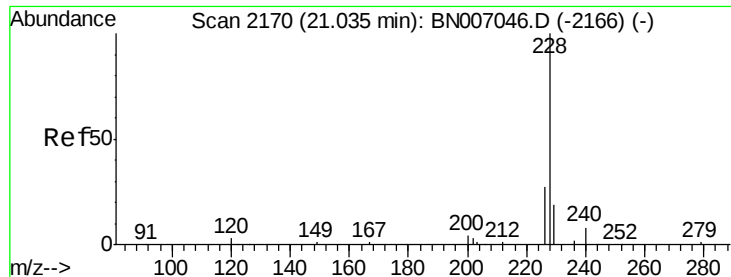
Tot Ion:202 Resp: 488
Ion Ratio Lower Upper
202 100
200 77.3 16.6 24.8#
203 33.4 14.0 21.0#



#28
Terphenyl-d14
Concen: 0.279 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007109.D
Acq: 12 Aug 2019 23:06

Tgt Ion:244 Resp: 158
Ion Ratio Lower Upper
244 100
212 76.0 6.2 9.2#
122 76.0 7.4 11.2#





#29

Benzo(a)anthracene

Concen: 0.429 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampled :

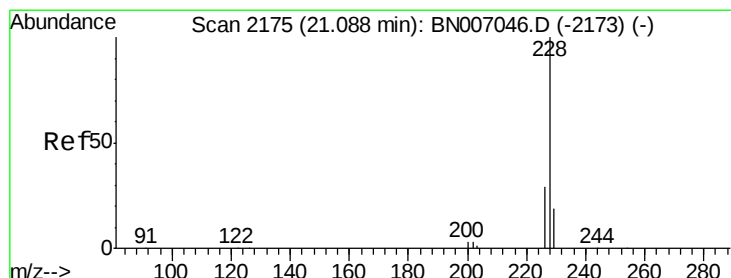
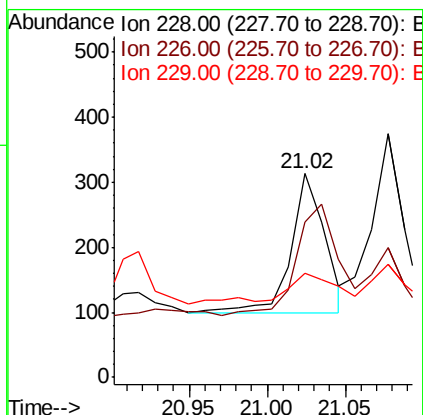
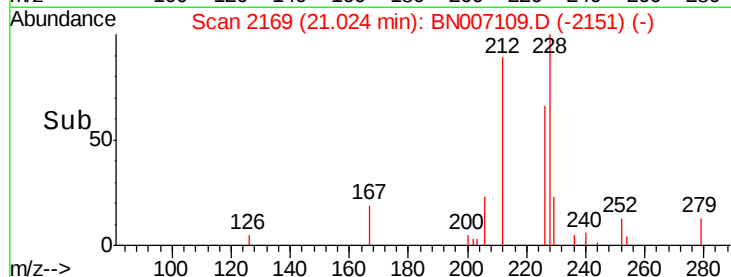
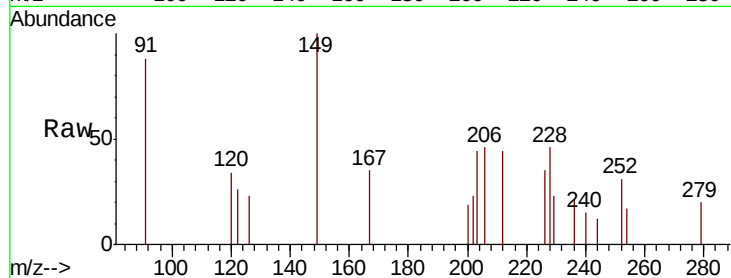
Tot Ion:228 Resp: 326

Ion Ratio Lower Upper

228 100

226 76.0 21.8 32.6#

229 51.1 15.6 23.4#



#30

Chrysene

Concen: 0.502 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

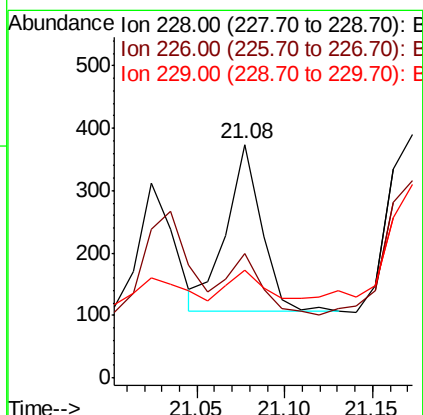
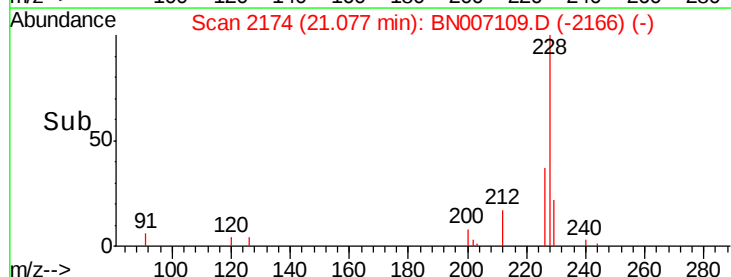
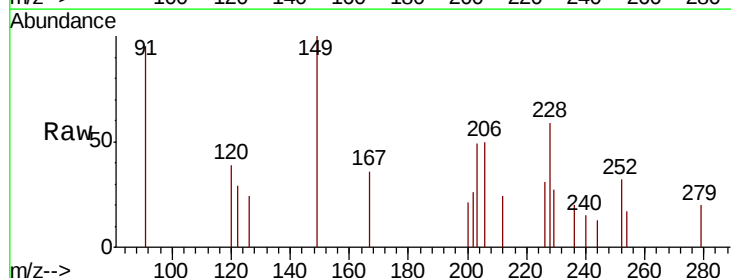
Tgt Ion:228 Resp: 371

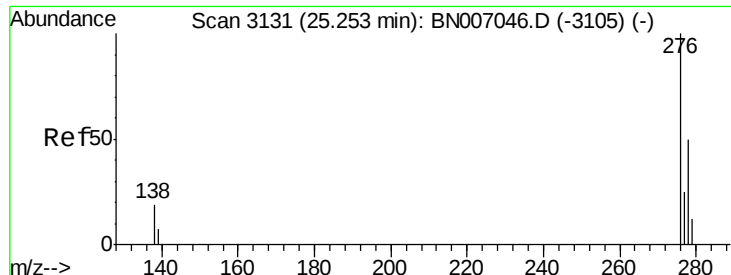
Ion Ratio Lower Upper

228 100

226 53.2 23.8 35.6#

229 46.3 15.7 23.5#





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.600 ng

RT: 25.23 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

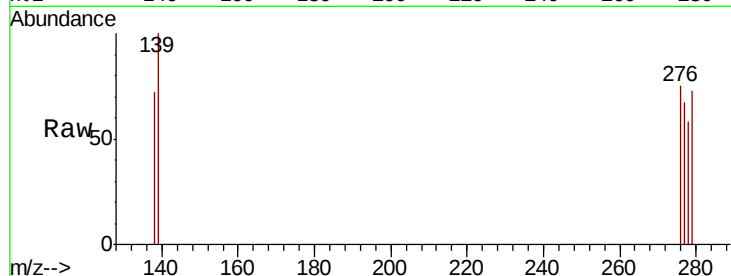
Tot Ion:276 Resp: 489

Ion Ratio Lower Upper

276 100

138 78.3 16.0 24.0#

277 16.0 19.9 29.9#



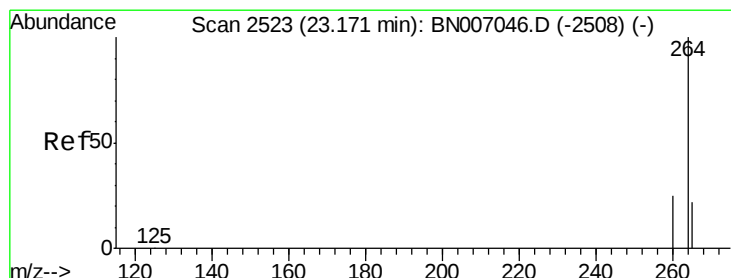
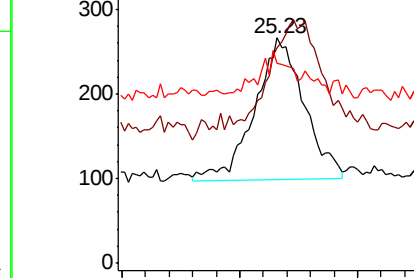
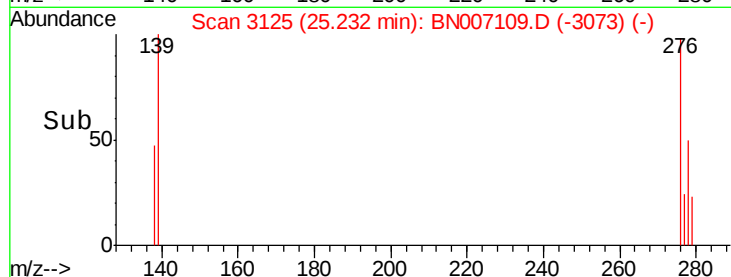
Abundance

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

25.23



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

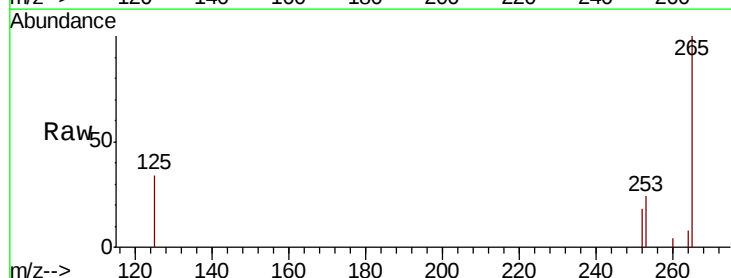
Tgt Ion:264 Resp: 90

Ion Ratio Lower Upper

264 100

260 52.9 19.8 29.8#

265 1197.6 26.2 39.4#



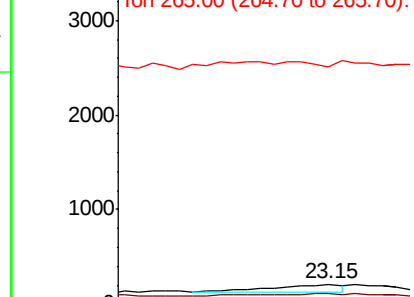
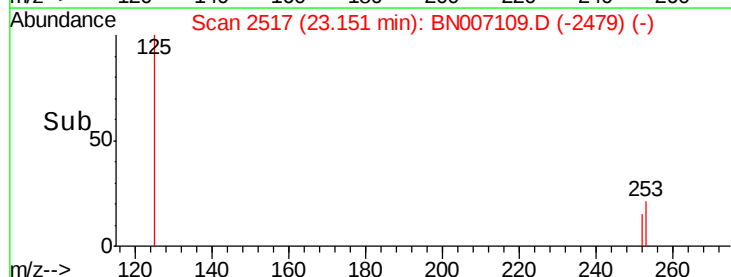
Abundance

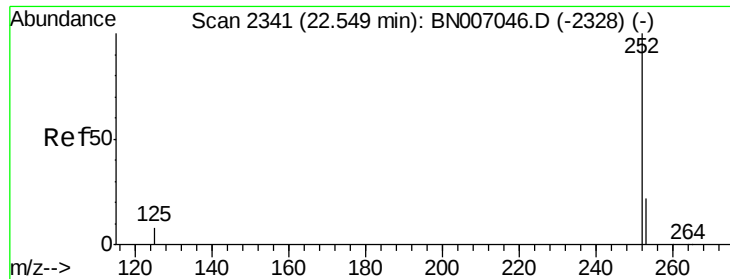
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.15





#33

Benzo(b)fluoranthene

Concen: 1.452 ng

RT: 22.54 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

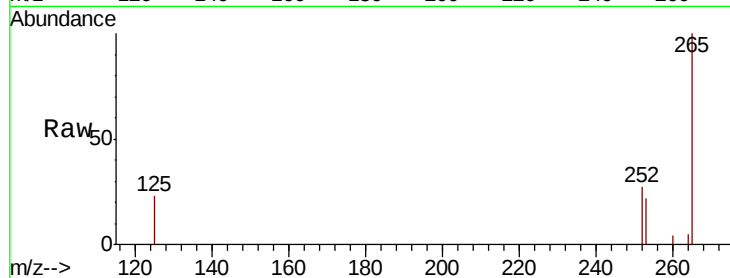
Tot Ion:252 Resp: 448

Ion Ratio Lower Upper

252 100

253 84.5 18.2 27.2#

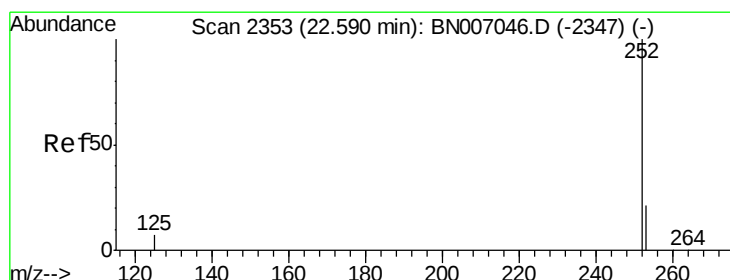
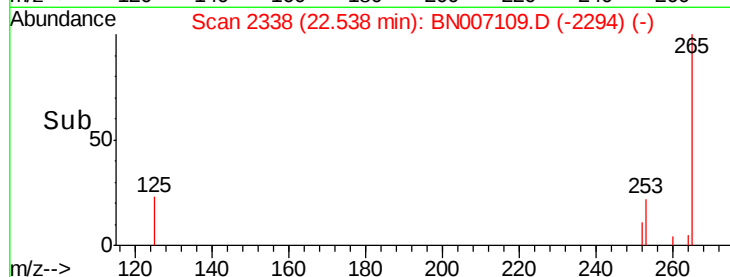
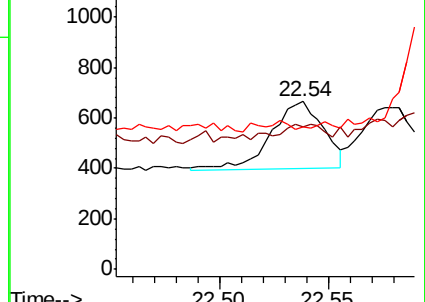
125 85.1 7.4 11.0#



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



#34

Benzo(k)fluoranthene

Concen: 1.627 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

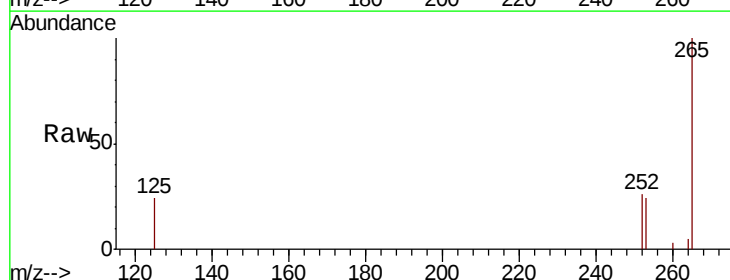
Tgt Ion:252 Resp: 496

Ion Ratio Lower Upper

252 100

253 92.1 18.1 27.1#

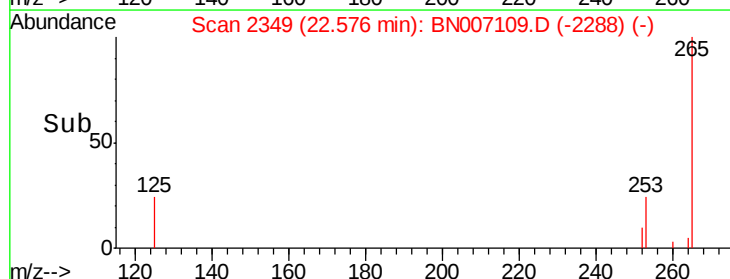
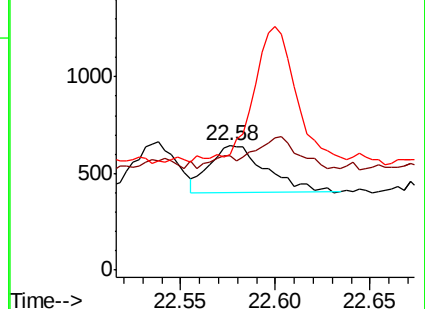
125 93.2 7.4 11.0#

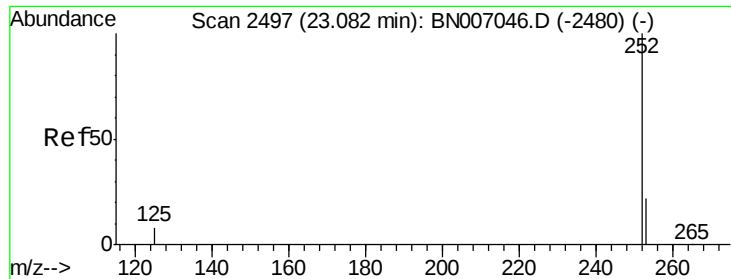


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.083 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :

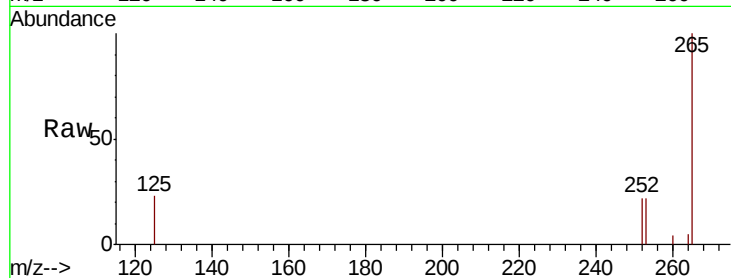
Tot Ion:252 Resp: 303

Ion Ratio Lower Upper

252 100

253 101.6 18.5 27.7#

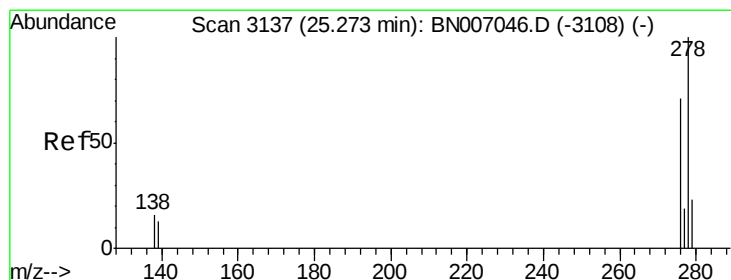
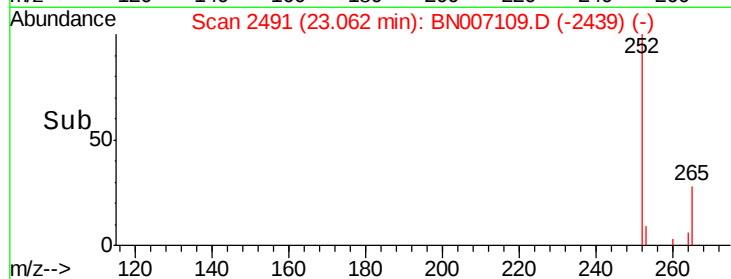
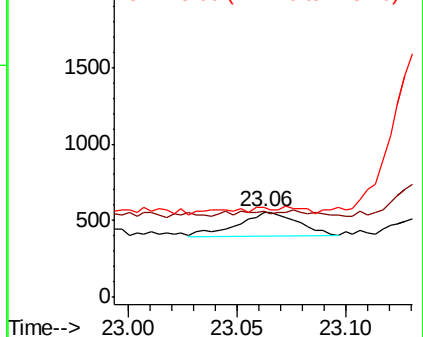
125 104.9 8.2 12.4#



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

Dibenzo(a,h)anthracene

Concen: 1.644 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

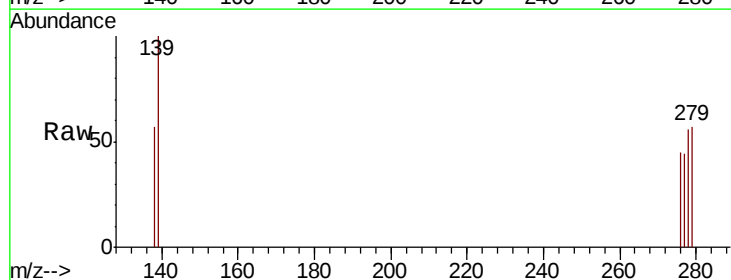
Tgt Ion:278 Resp: 459

Ion Ratio Lower Upper

278 100

139 179.7 11.3 16.9#

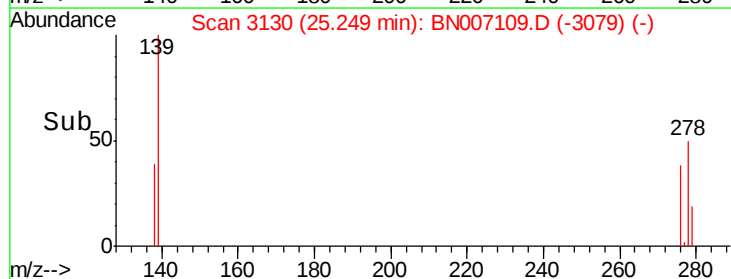
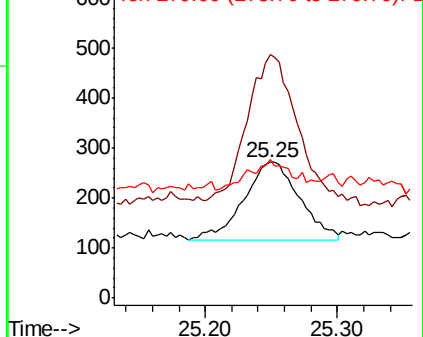
279 102.6 19.3 28.9#

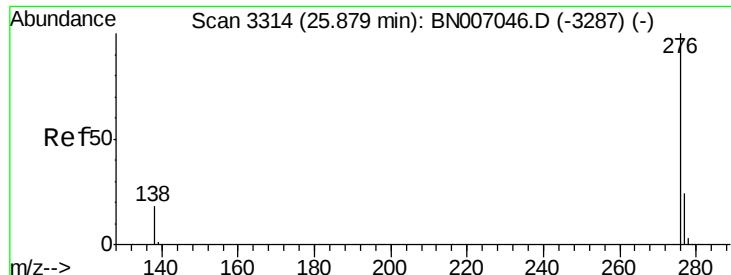


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 1.571 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

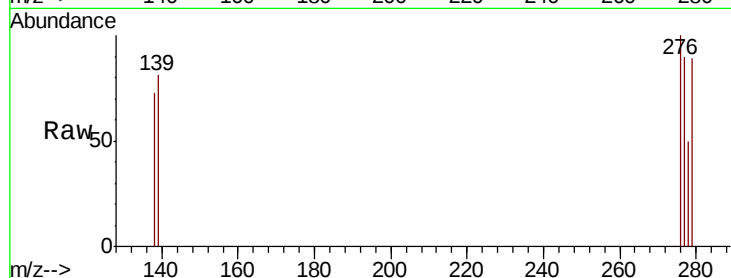
Lab File: BN007109.D

Acq: 12 Aug 2019 23:06

Instrument :

BNA_N

ClientSampleId :



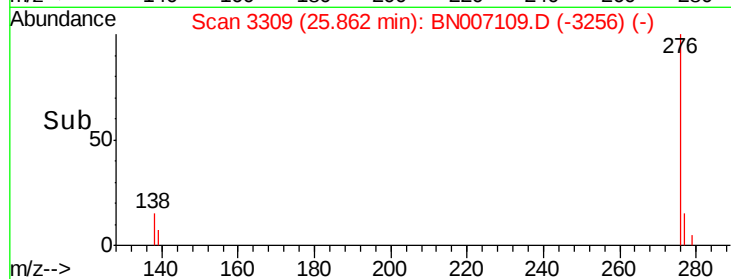
Tot Ion: 276 Resp: 451

Ion Ratio Lower Upper

276 100

277 90.2 19.8 29.8#

138 72.8 14.6 22.0#



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

