

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
 Data File : BN007171.D
 Acq On : 14 Aug 2019 19:53
 Operator : HP/JU
 Sample : PB122208BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 15 11:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8931	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	32601	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	16931	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	36439	0.40	ng	0.00
26) Chrysene-d12	21.05	240	31467	0.40	ng	-0.01
32) Perylene-d12	23.16	264	42049	0.40	ng	-0.01

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	8726	0.41	ng	0.00
4) Phenol-d6	6.61	99	11134	0.42	ng	0.00
7) Nitrobenzene-d5	8.55	82	9359	0.36	ng	-0.01
10) 2-Methylnaphthalene-d10	11.79	152	20563	0.34	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2237	0.25	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3185	0.13	ng	0.00
24) Fluoranthene-d10	18.87	212	40066	0.31	ng	0.00
28) Terphenyl-d14	19.49	244	32497	0.38	ng	-0.01

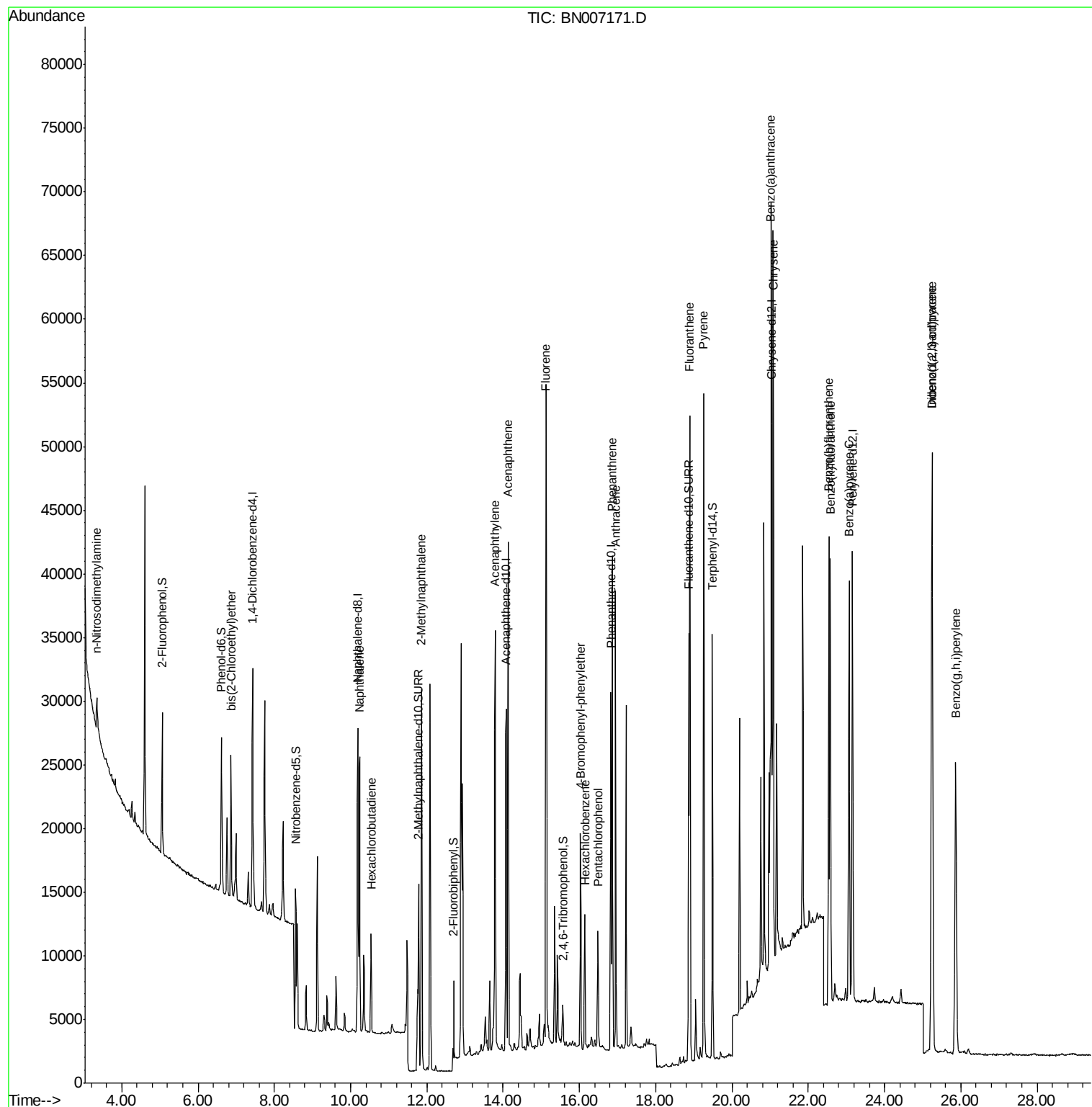
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.34	42	2185	0.372	ng	# 88
5) bis(2-Chloroethyl)ether	6.86	93	8546	0.364	ng	99
8) Naphthalene	10.24	128	31326	0.343	ng	99
9) Hexachlorobutadiene	10.54	225	6614	0.339	ng	# 100
11) 2-Methylnaphthalene	11.86	142	22288	0.344	ng	97
15) Acenaphthylene	13.79	152	45020	0.509	ng	98
16) Acenaphthene	14.13	154	20479	0.361	ng	98
17) Fluorene	15.12	166	26894	0.317	ng	96
19) 4-Bromophenyl-phenylether	16.03	248	8487	0.377	ng	# 89
20) Hexachlorobenzene	16.14	284	8113	0.374	ng	98
21) Pentachlorophenol	16.48	266	4385	0.543	ng	99
22) Phenanthrene	16.87	178	39435	0.361	ng	100
23) Anthracene	16.95	178	38009	0.381	ng	99
25) Fluoranthene	18.90	202	45963	0.329	ng	100
27) Pyrene	19.26	202	48666	0.441	ng	98
29) Benzo(a)anthracene	21.02	228	45062	0.392	ng	95
30) Chrysene	21.08	228	45234	0.405	ng	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	52149	0.423	ng	99
33) Benzo(b)fluoranthene	22.54	252	44373	0.308	ng	# 96
34) Benzo(k)fluoranthene	22.58	252	42899	0.301	ng	# 95
35) Benzo(a)pyrene	23.07	252	42739	0.327	ng	# 96
36) Dibenzo(a,h)anthracene	25.25	278	42494	0.326	ng	# 95
37) Benzo(g,h,i)perylene	25.87	276	45422	0.339	ng	98

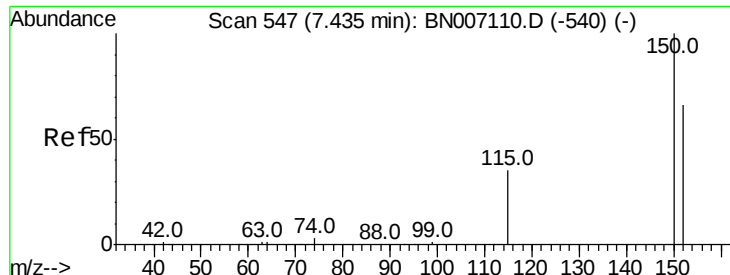
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
Data File : BN007171.D
Acq On : 14 Aug 2019 19:53
Operator : HP/JU
Sample : PB122208BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Aug 15 11:03:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

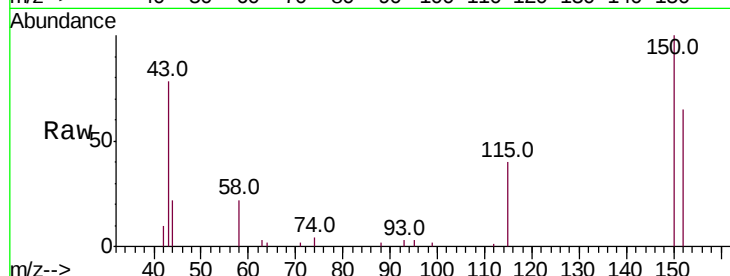
Tot Ion:152 Resp: 8931

Ion Ratio Lower Upper

152 100

150 153.9 121.7 182.5

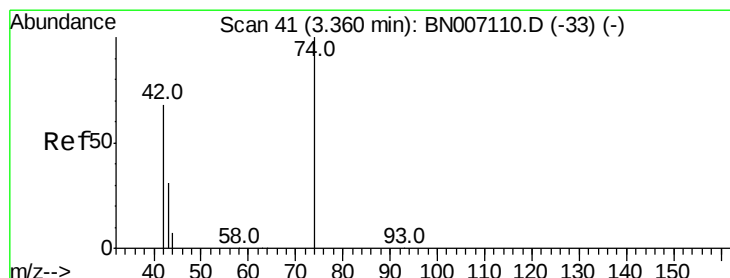
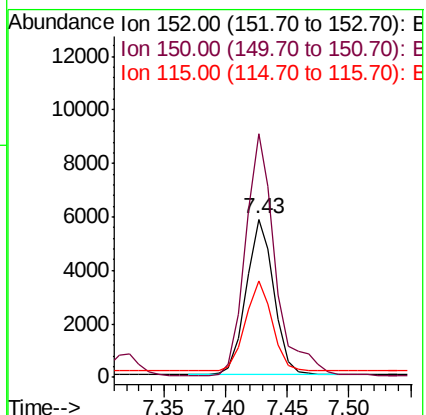
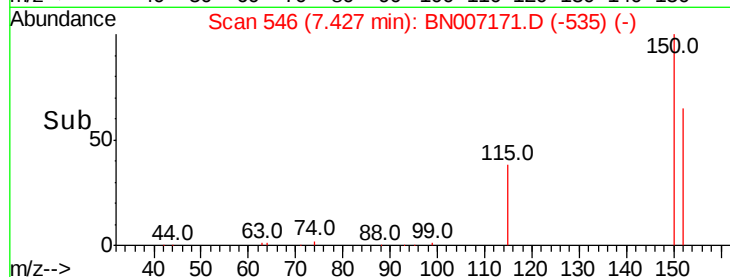
115 60.9 46.2 69.4



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

n-Nitrosodimethylamine

Concen: 0.372 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.02 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

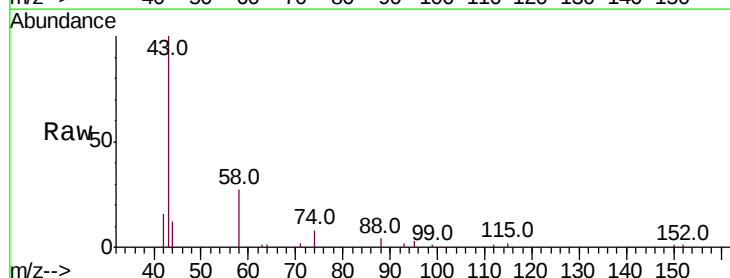
Tgt Ion: 42 Resp: 2185

Ion Ratio Lower Upper

42 100

74 153.3 110.6 166.0

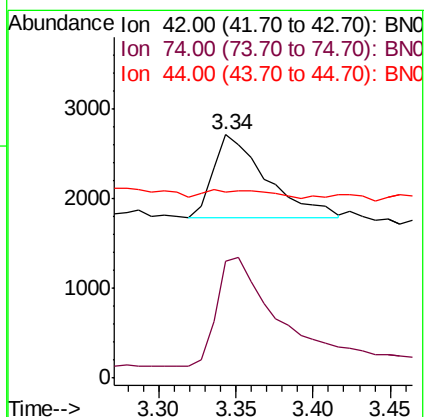
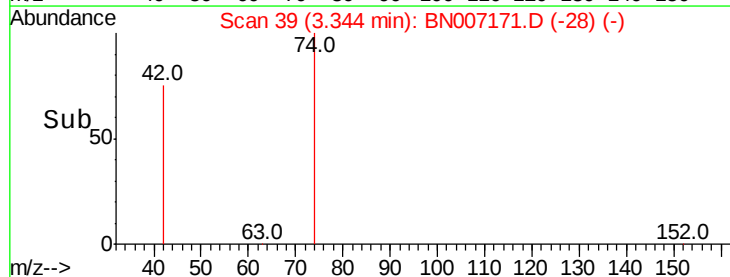
44 11.8 0.0 0.0#

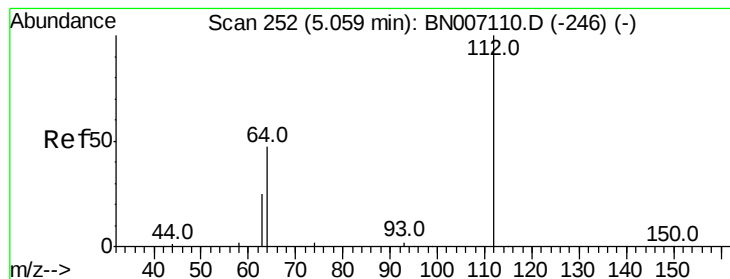


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.407 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampled :

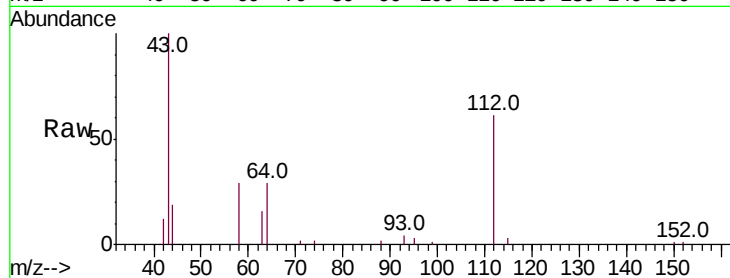
Tot Ion:112 Resp: 8726

Ion Ratio Lower Upper

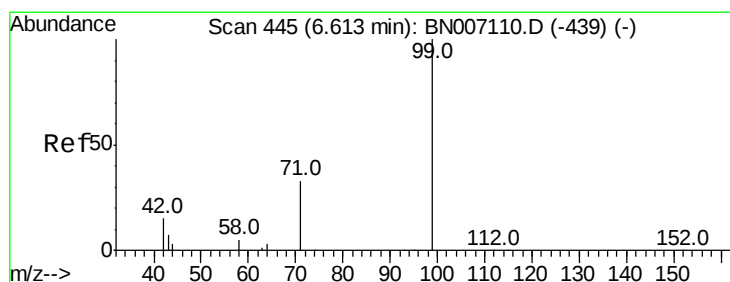
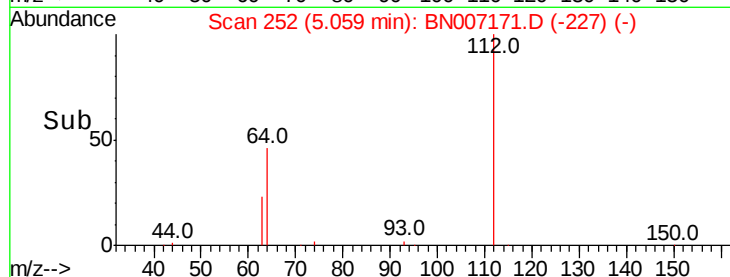
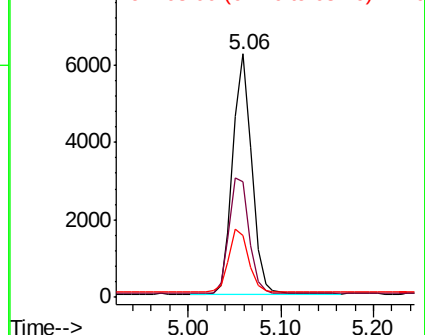
112 100

64 51.9 42.6 63.8

63 27.2 22.2 33.2



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



#4

Phenol-d6

Concen: 0.419 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

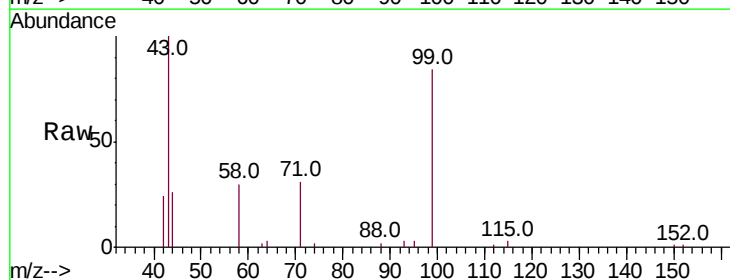
Tgt Ion: 99 Resp: 11134

Ion Ratio Lower Upper

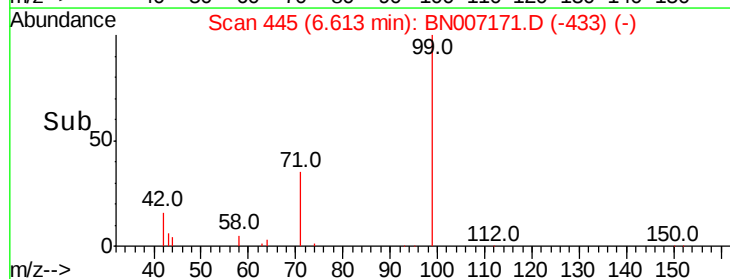
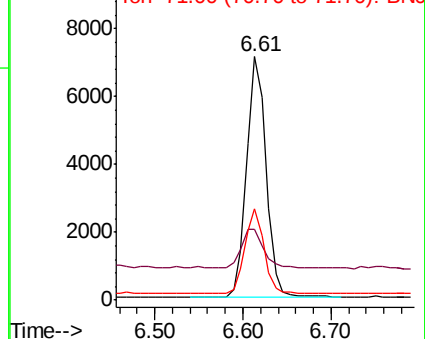
99 100

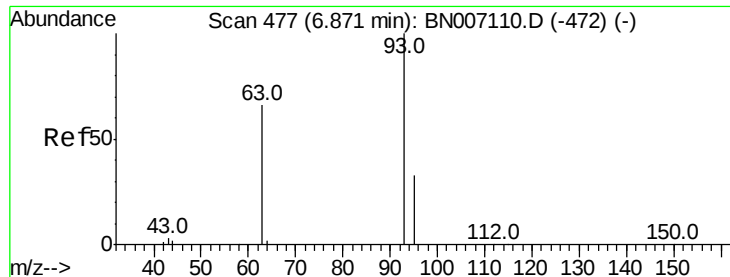
42 18.4 15.8 23.6

71 34.2 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

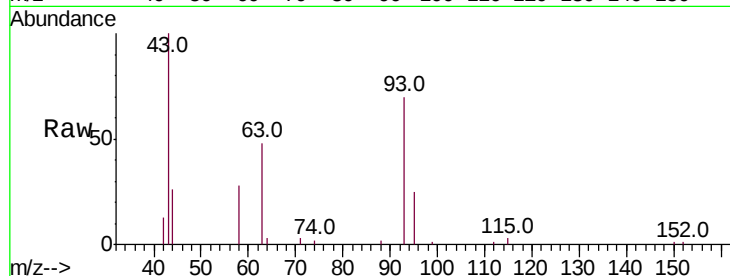
Tot Ion: 93 Resp: 8546

Ion Ratio Lower Upper

93 100

63 68.1 55.6 83.4

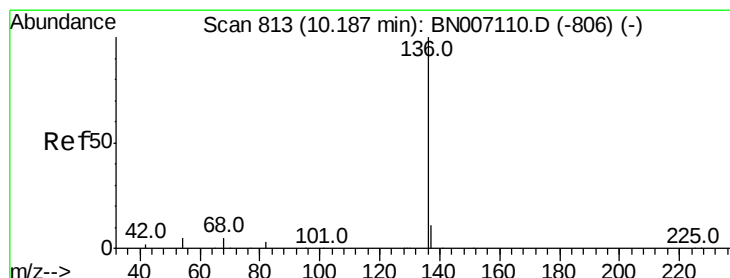
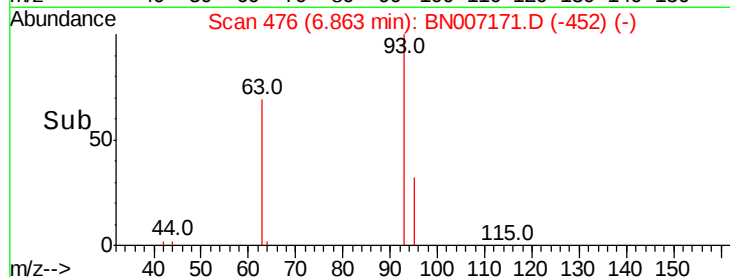
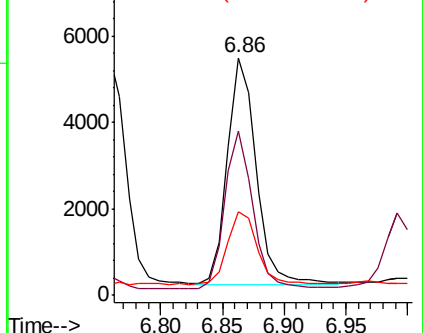
95 33.3 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Tgt Ion: 136 Resp: 32601

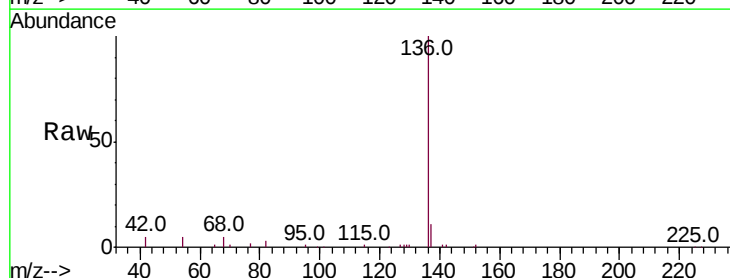
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 4.8 6.6 9.8#

68 4.8 6.0 9.0#

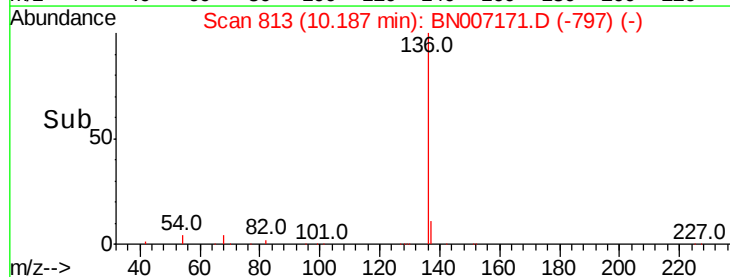
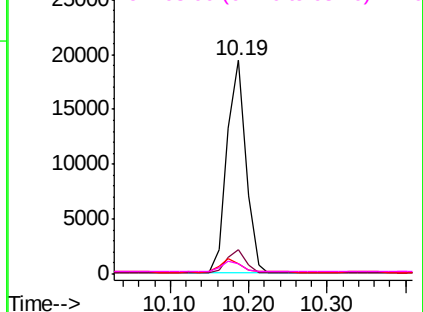


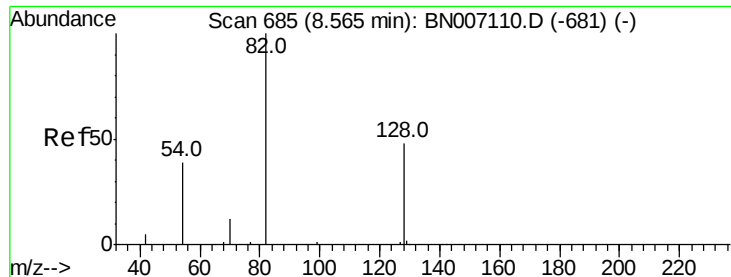
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

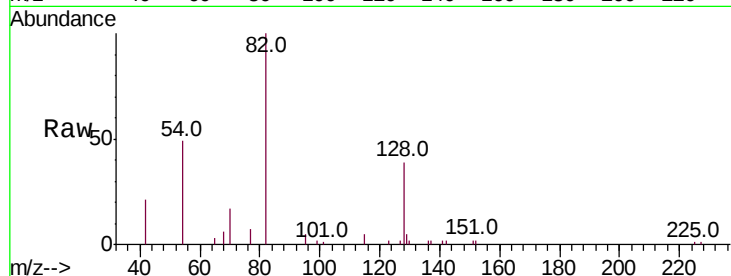
Tot Ion: 82 Resp: 9359

Ion Ratio Lower Upper

82 100

128 38.9 34.6 51.8

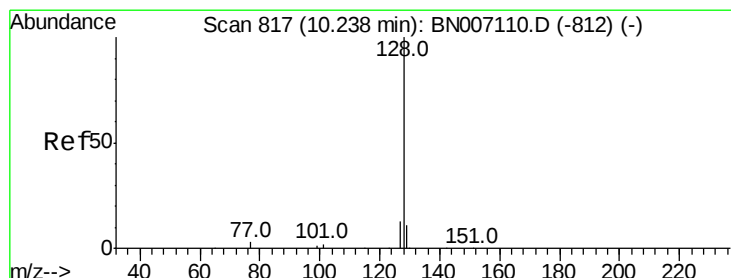
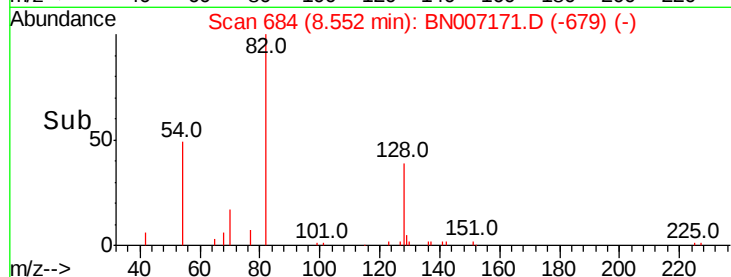
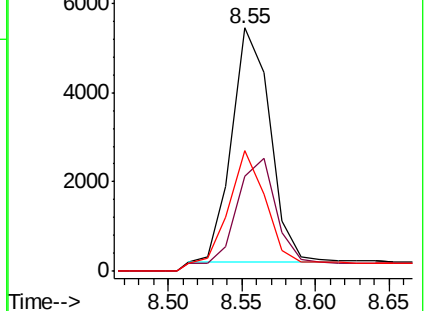
54 49.4 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007171.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007171.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007171.D (-681) (-)



#8

Naphthalene

Concen: 0.343 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

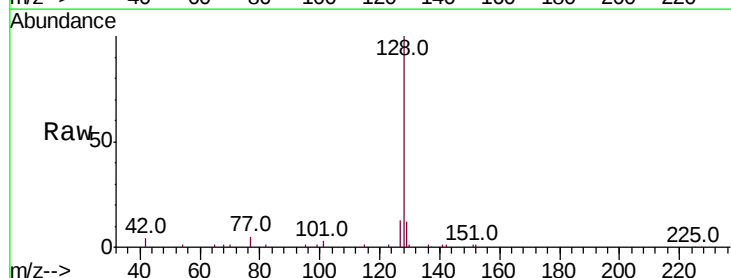
Tgt Ion: 128 Resp: 31326

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

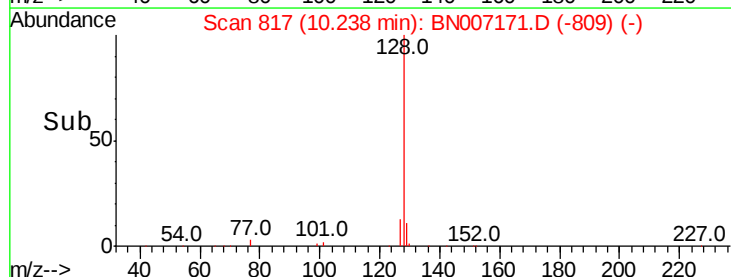
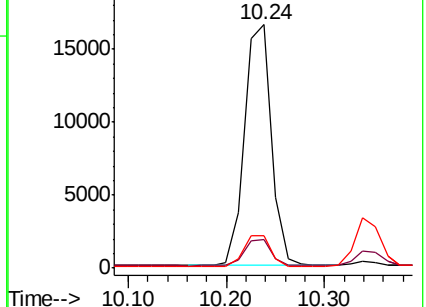
127 13.2 11.0 16.6

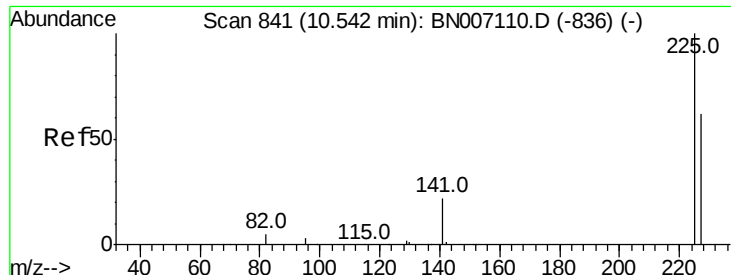


Abundance Ion 128.00 (127.70 to 128.70): BN007171.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007171.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007171.D (-812) (-)





#9

Hexachlorobutadiene

Concen: 0.339 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

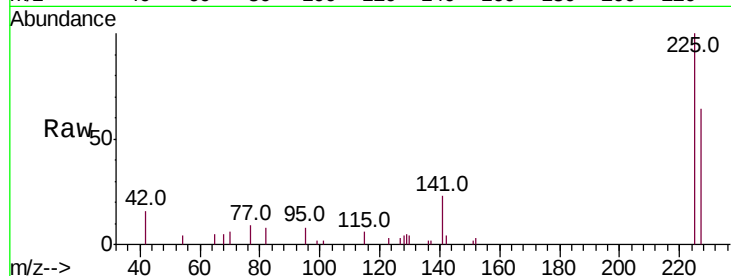
Tot Ion:225 Resp: 6614

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

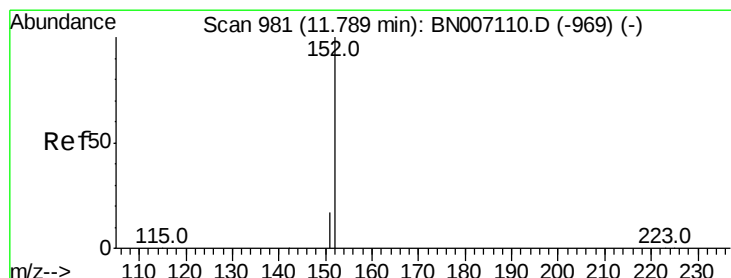
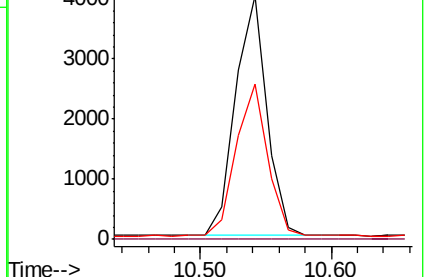
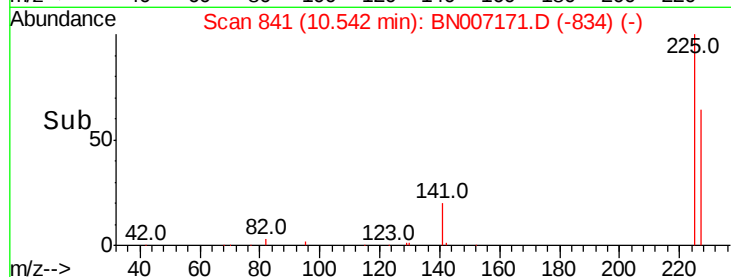
227 63.6 51.1 76.7



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: 0.338 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007171.D

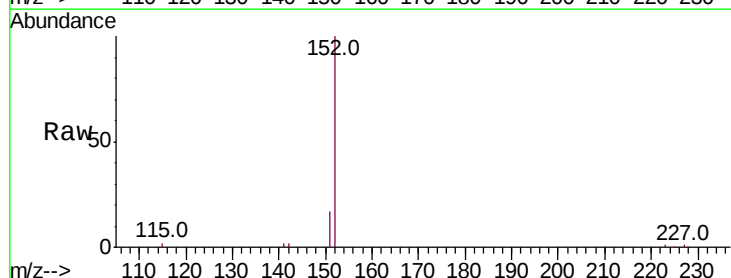
Acq: 14 Aug 2019 19:53

Tgt Ion:152 Resp: 20563

Ion Ratio Lower Upper

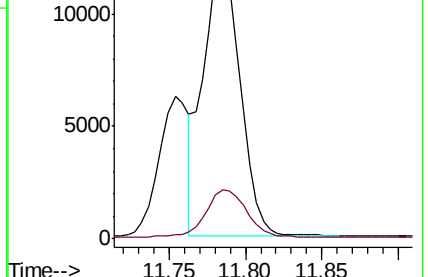
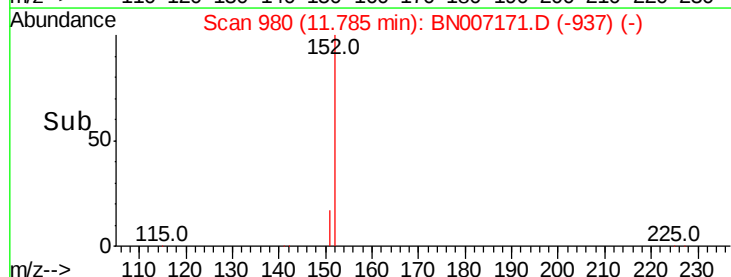
152 100

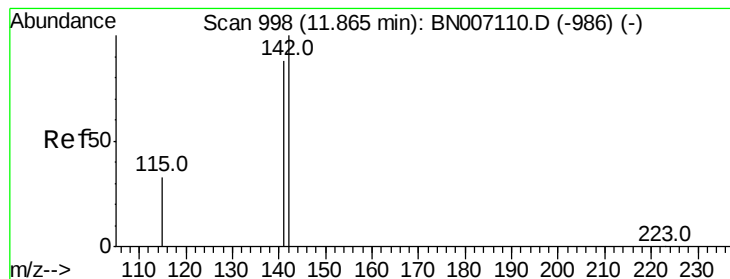
151 18.8 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.344 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

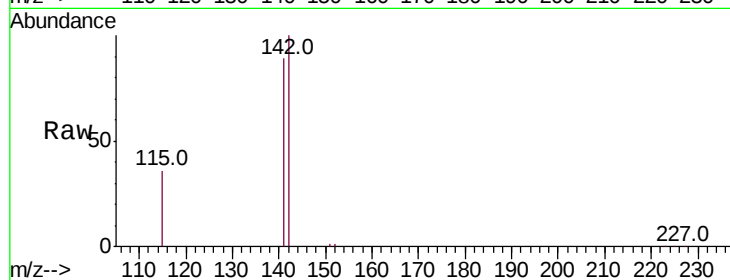
Tot Ion:142 Resp: 22288

Ion Ratio Lower Upper

142 100

141 88.5 69.0 103.6

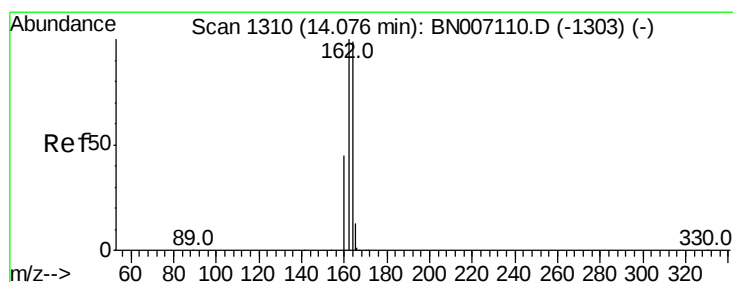
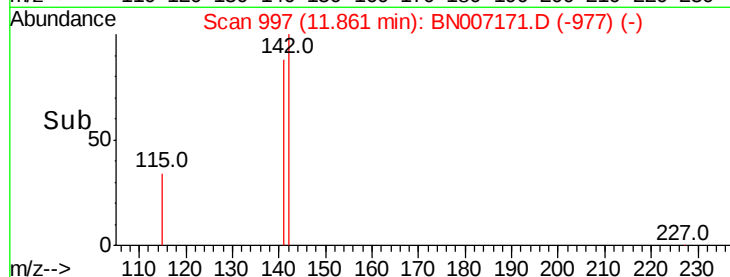
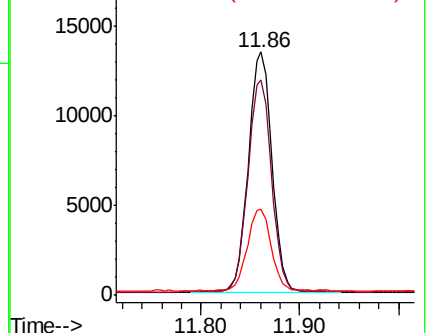
115 35.6 27.1 40.7



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: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

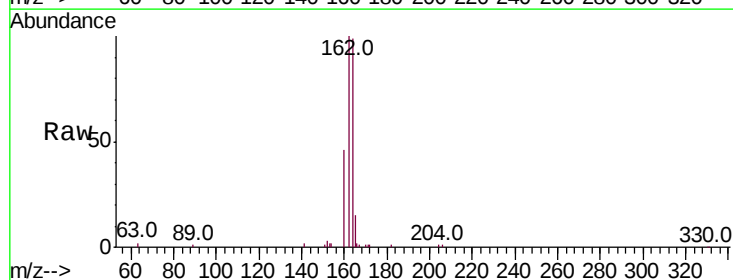
Tgt Ion:164 Resp: 16931

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.4

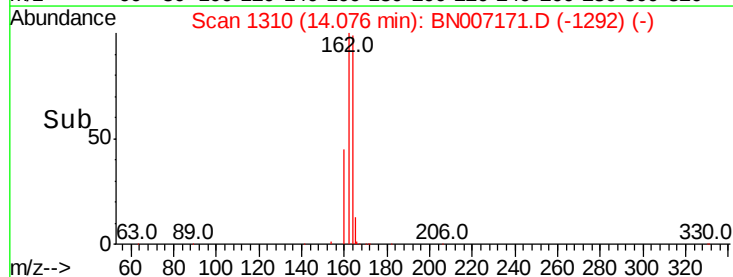
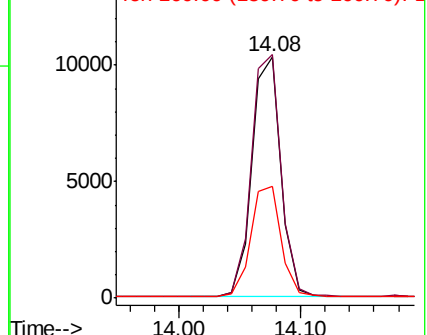
160 46.2 38.3 57.5

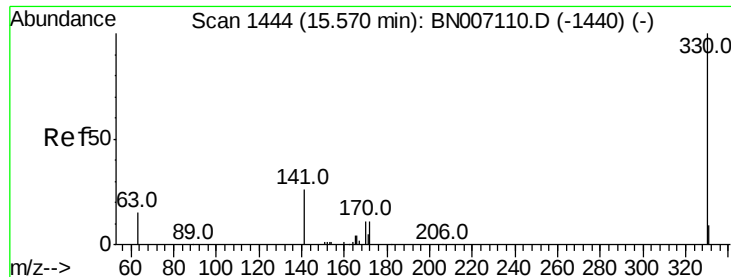


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

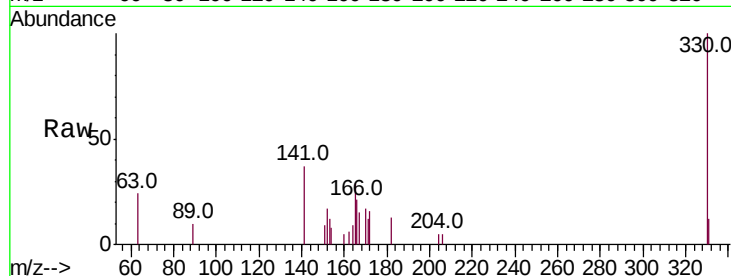




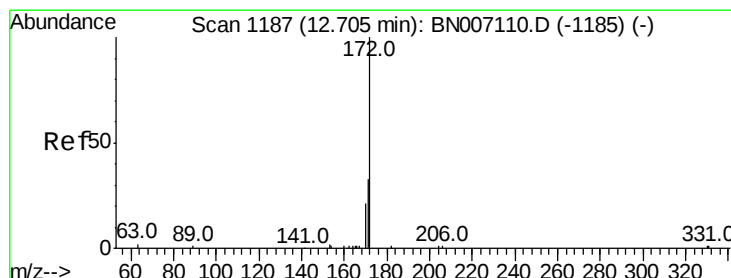
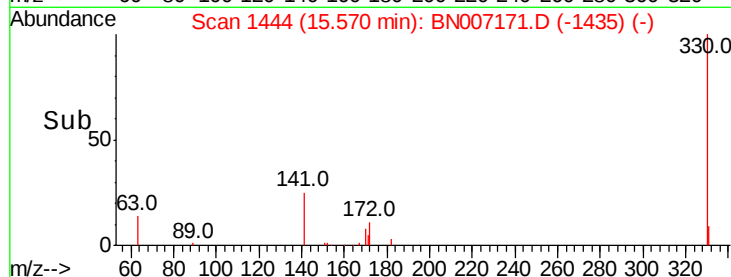
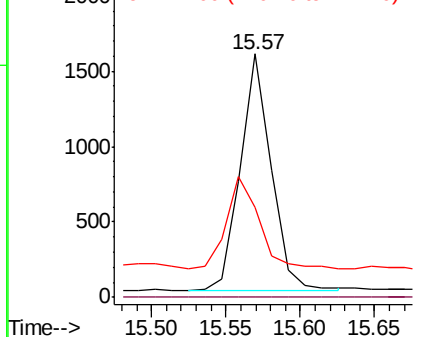
#13
 2,4,6-Tribromophenol
 Concen: 0.245 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007171.D
 Acq: 14 Aug 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2237
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.6 33.6 50.4

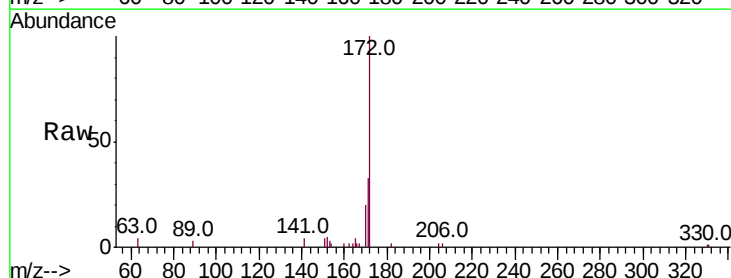


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

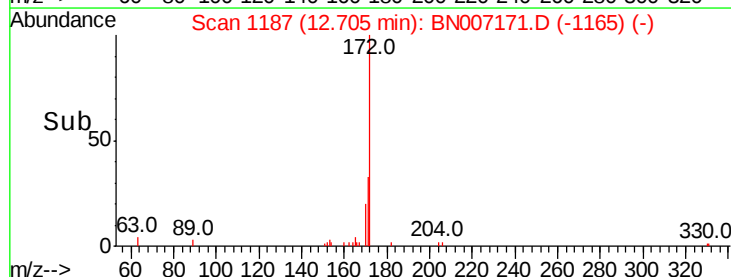
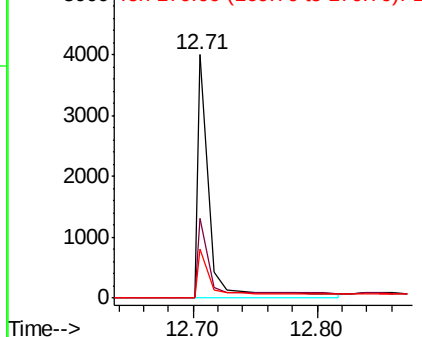


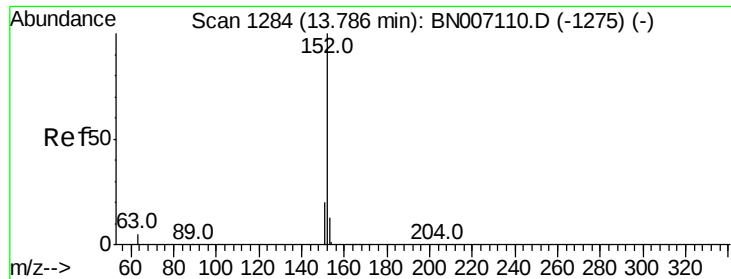
#14
 2-Fluorobiphenyl
 Concen: 0.129 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007171.D
 Acq: 14 Aug 2019 19:53

Tgt Ion:172 Resp: 3185
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.3 39.5
 170 20.3 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: 0.509 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

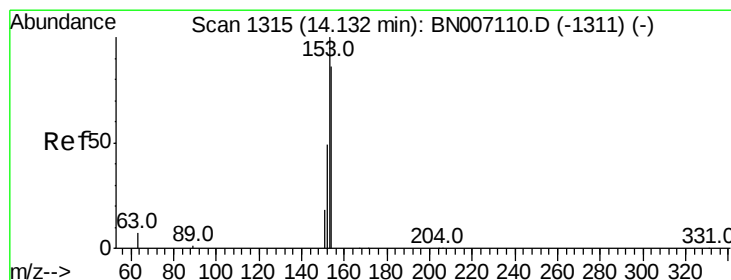
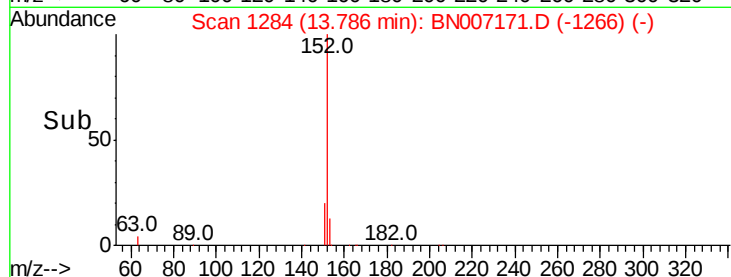
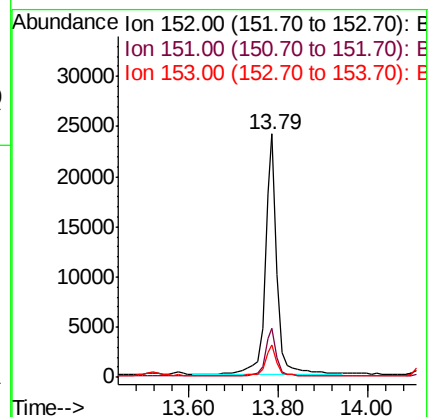
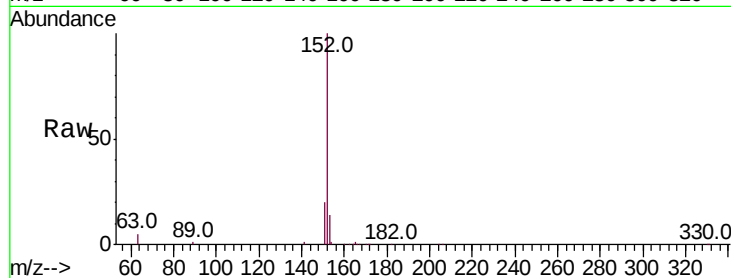
Tot Ion:152 Resp: 45020

Ion Ratio Lower Upper

152 100

151 18.7 15.8 23.6

153 12.5 10.4 15.6



#16

Acenaphthene

Concen: 0.361 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

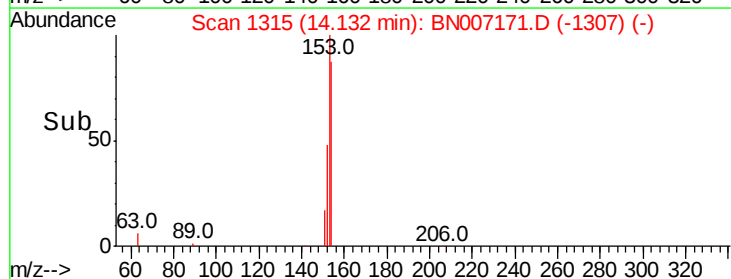
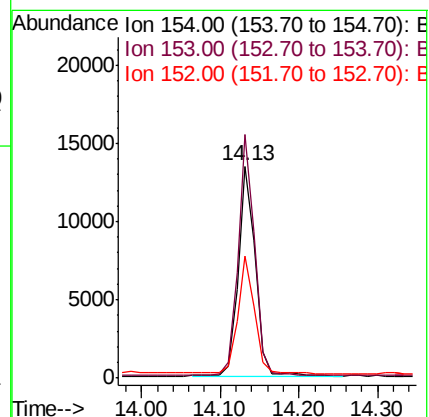
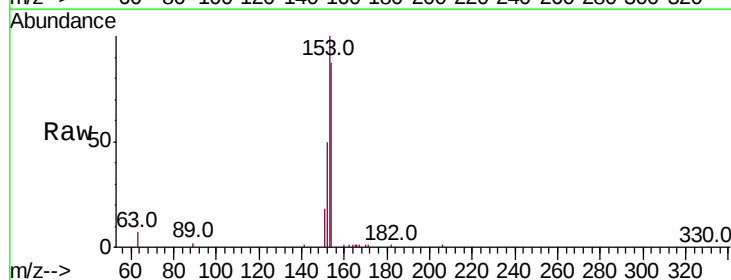
Tgt Ion:154 Resp: 20479

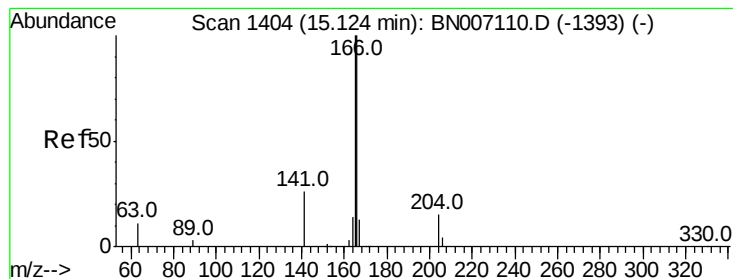
Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

152 54.4 44.8 67.2





#17

Fluorene

Concen: 0.317 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

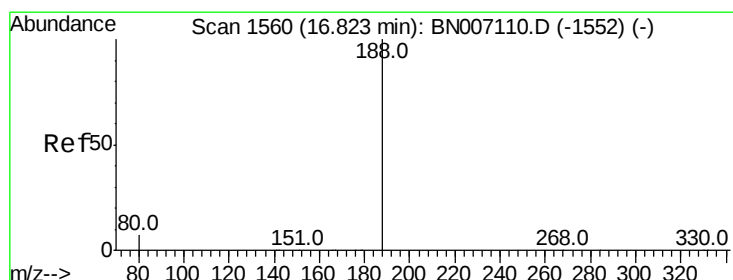
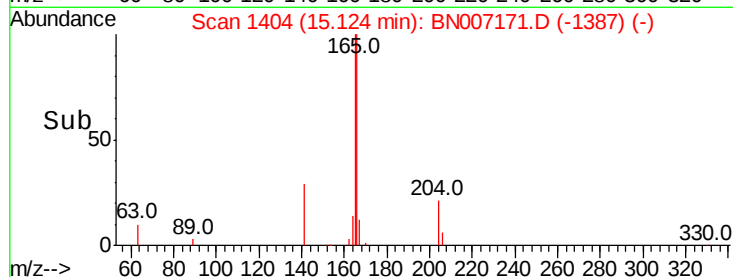
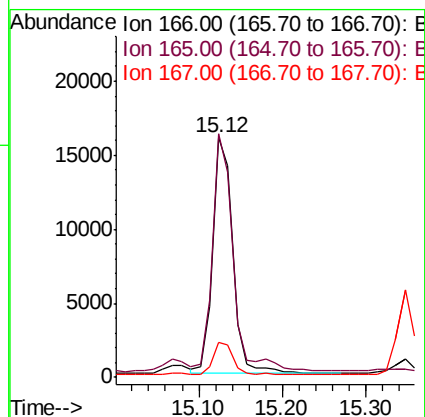
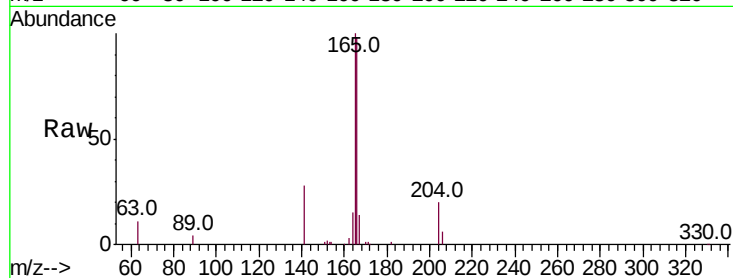
Tot Ion:166 Resp: 26894

Ion Ratio Lower Upper

166 100

165 102.0 77.9 116.9

167 13.2 10.9 16.3



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

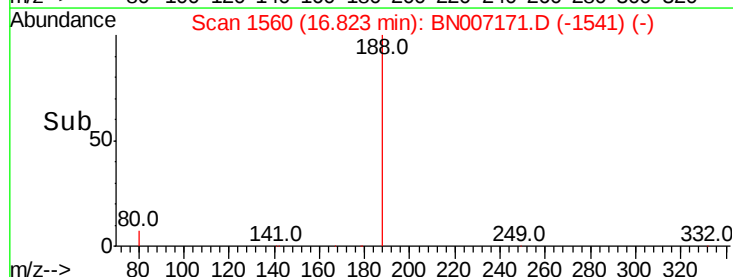
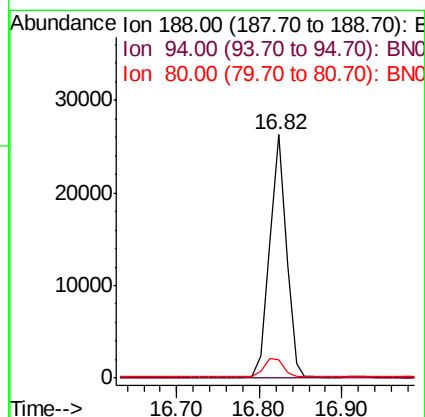
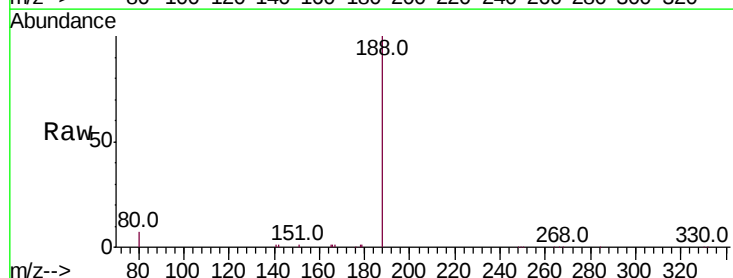
Tgt Ion:188 Resp: 36439

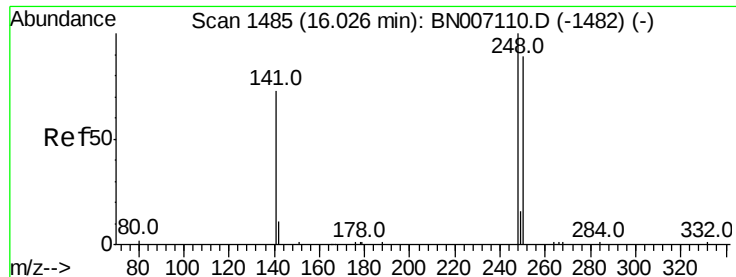
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 7.8 11.6#





#19

4-Bromophenyl-phenylether

Concen: 0.377 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

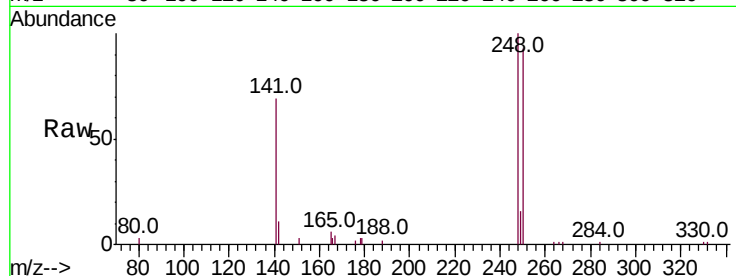
Tot Ion:248 Resp: 8487

Ion Ratio Lower Upper

248 100

250 93.2 78.9 118.3

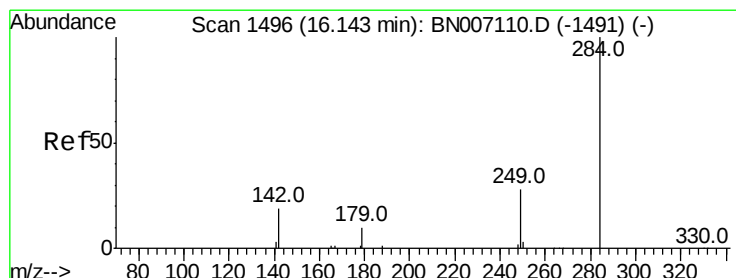
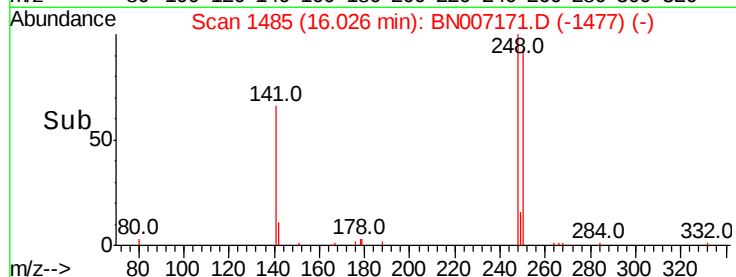
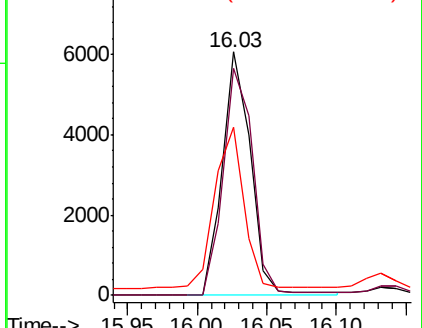
141 69.2 43.3 64.9#



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: 0.374 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

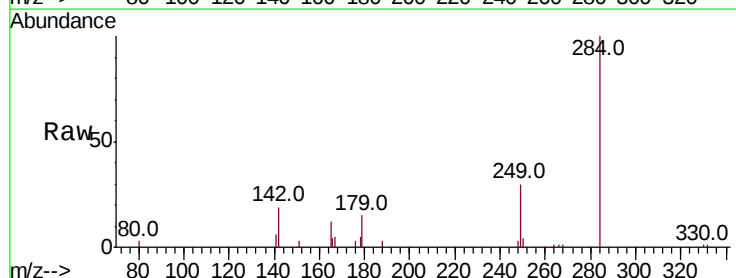
Tgt Ion:284 Resp: 8113

Ion Ratio Lower Upper

284 100

142 36.3 30.5 45.7

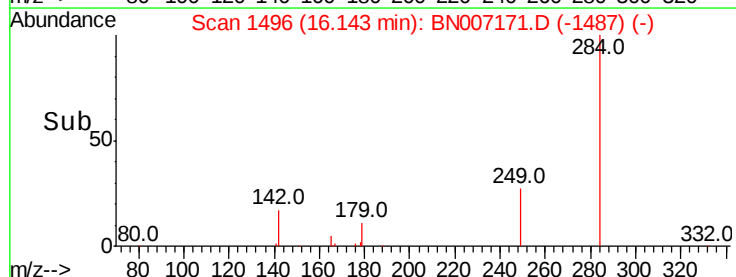
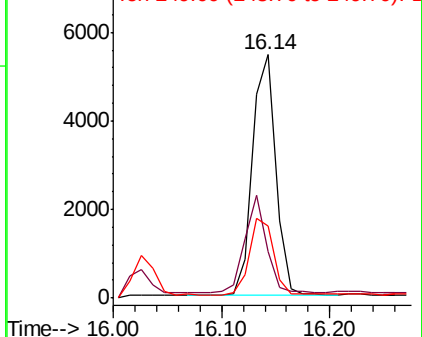
249 33.2 26.7 40.1

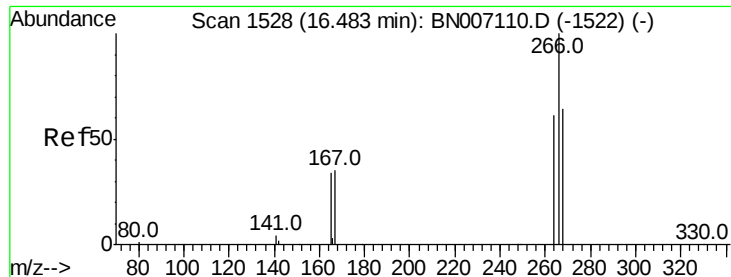


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

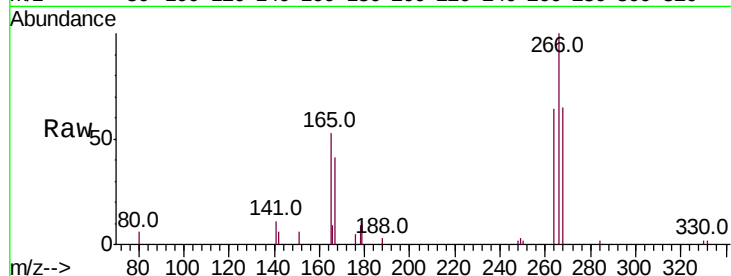




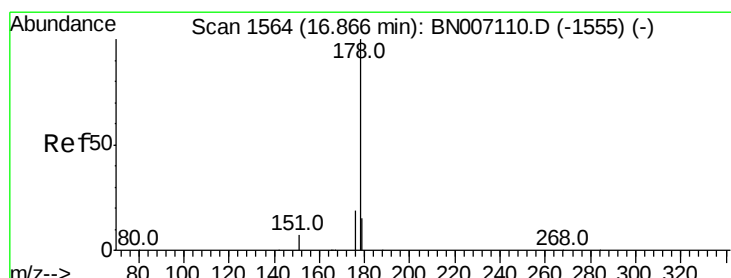
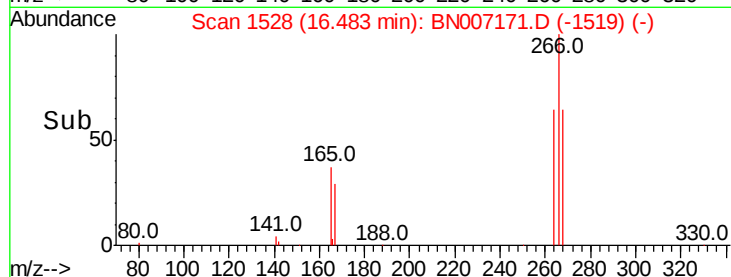
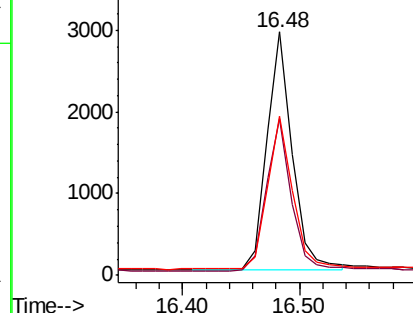
#21
 Pentachlorophenol
 Concen: 0.543 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007171.D
 Acq: 14 Aug 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 4385
 Ion Ratio Lower Upper
 266 100
 264 64.1 52.3 78.5
 268 65.3 51.5 77.3

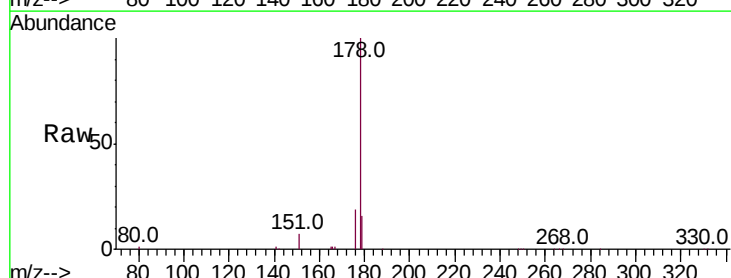


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

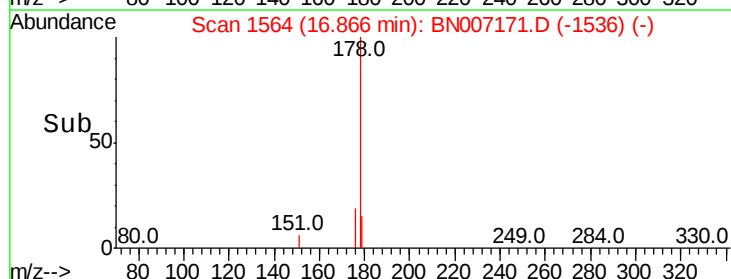
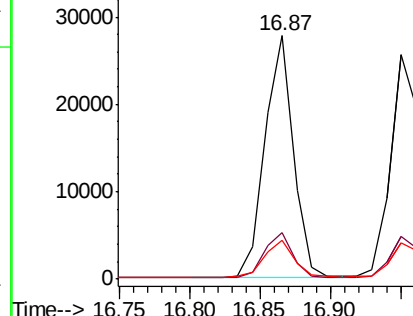


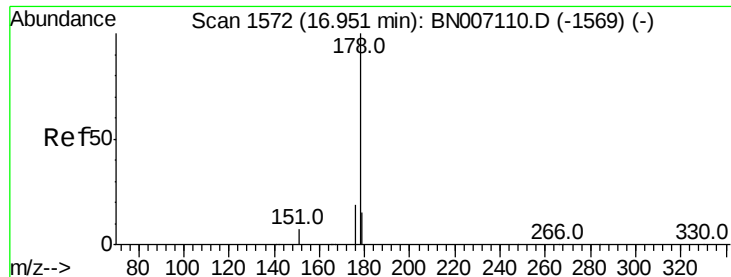
#22
 Phenanthrene
 Concen: 0.361 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007171.D
 Acq: 14 Aug 2019 19:53

Tgt Ion:178 Resp: 39435
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.7 12.3 18.5



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





#23

Anthracene

Concen: 0.381 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

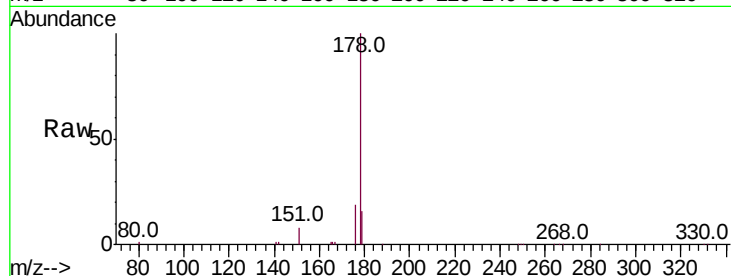
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 38009

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.0	12.5	18.7

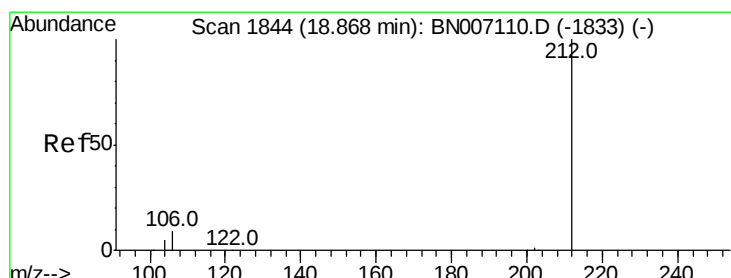
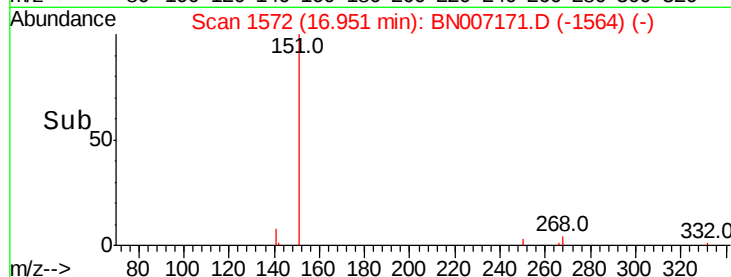
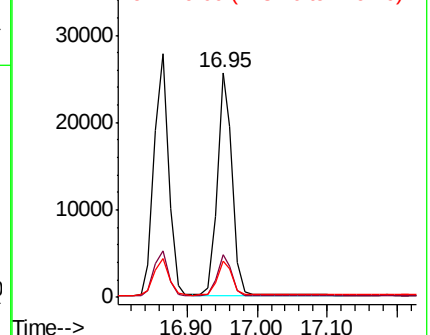


Abundance

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: 0.310 ng

RT: 18.87 min Scan# 1844

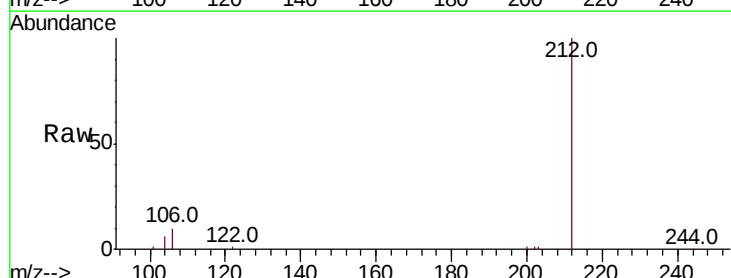
Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Tgt Ion:212 Resp: 40066

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.7	4.5	6.7

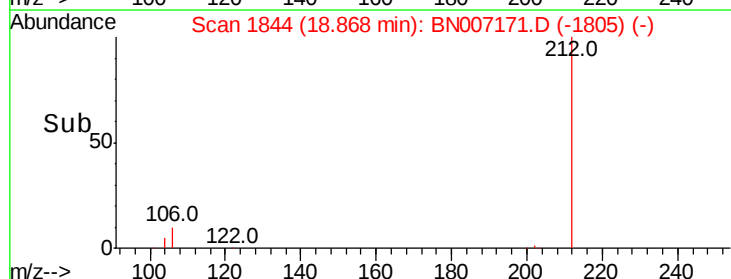
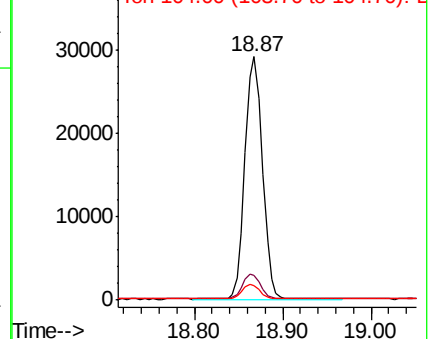


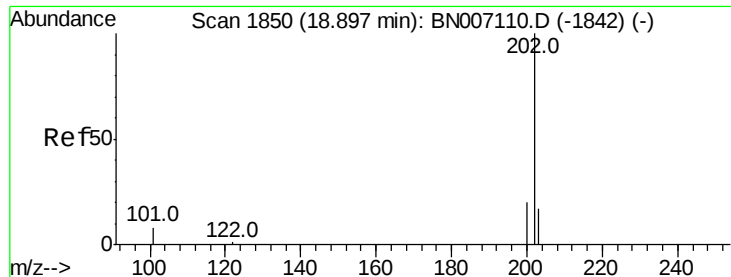
Abundance

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: 0.329 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

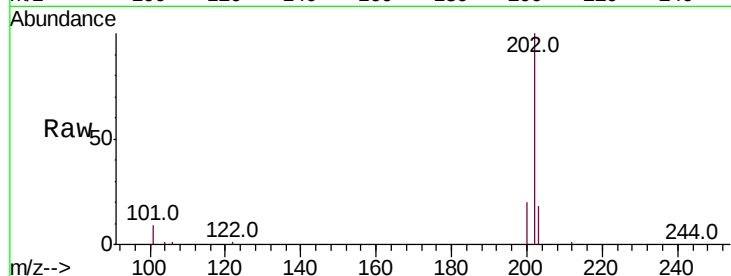
Tot Ion:202 Resp: 45963

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

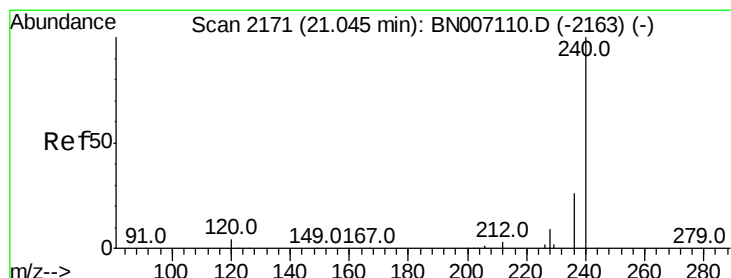
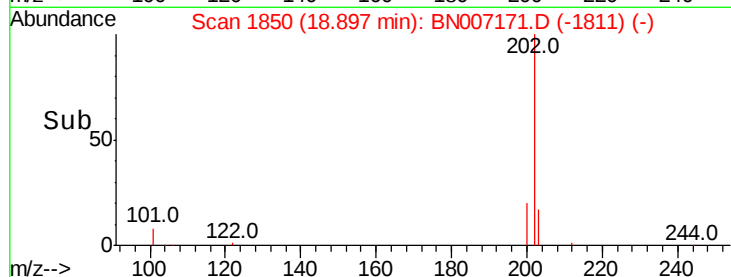
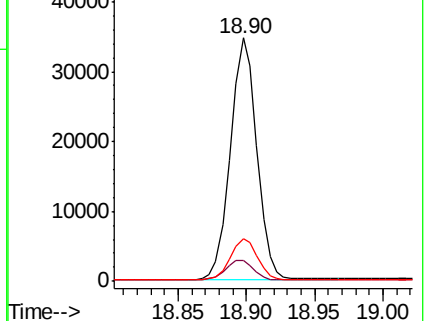
203 17.3 13.8 20.8



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: BN007171.D

Acq: 14 Aug 2019 19:53

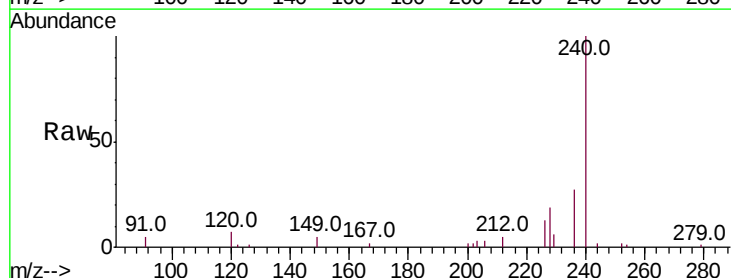
Tgt Ion:240 Resp: 31467

Ion Ratio Lower Upper

240 100

120 7.4 4.0 6.0#

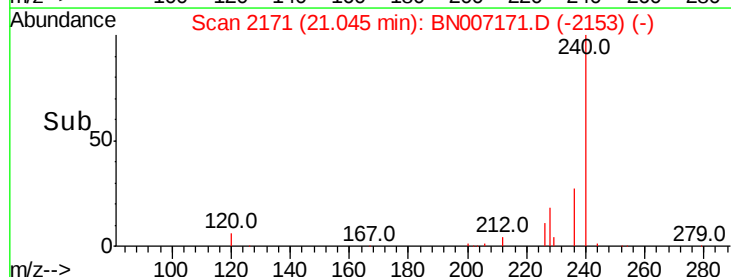
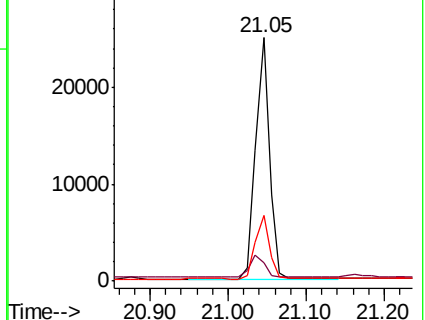
236 27.2 21.3 31.9

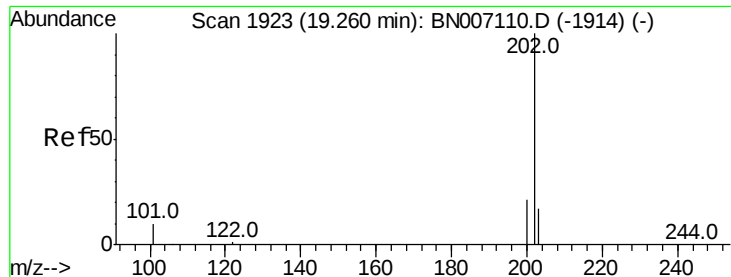


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

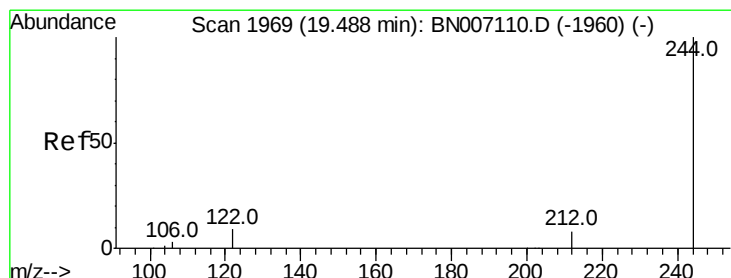
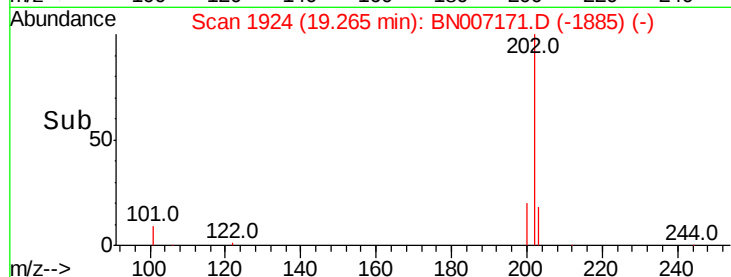
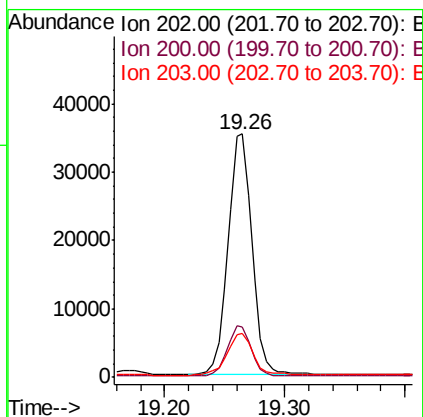
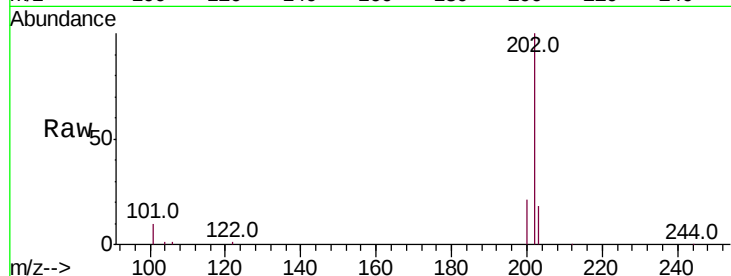




#27
Pvrene
Concen: 0.441 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007171.D
Acq: 14 Aug 2019 19:53

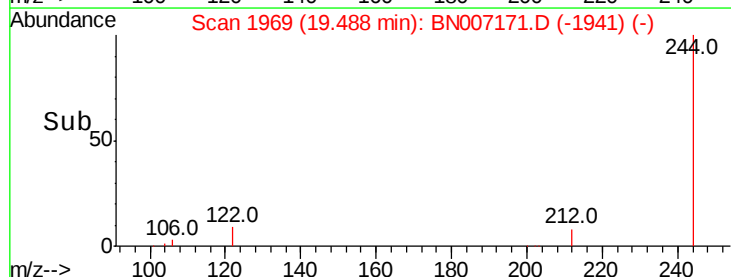
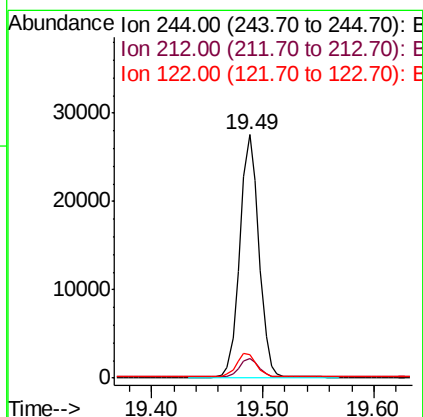
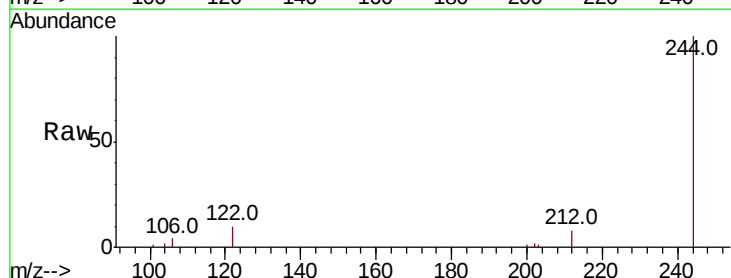
Instrument :
BNA_N
ClientSampleId :

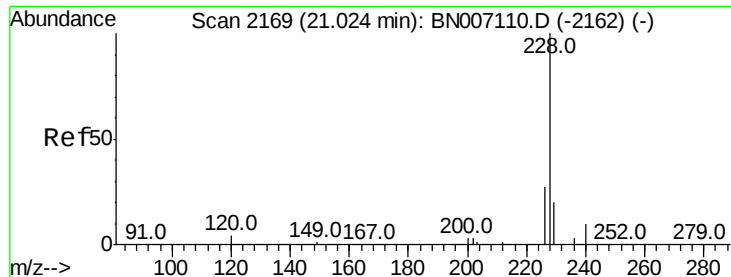
Tot Ion:202 Resp: 48666
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 19.3 14.0 21.0



#28
Terphenyl-d14
Concen: 0.379 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007171.D
Acq: 14 Aug 2019 19:53

Tgt Ion:244 Resp: 32497
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.8 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

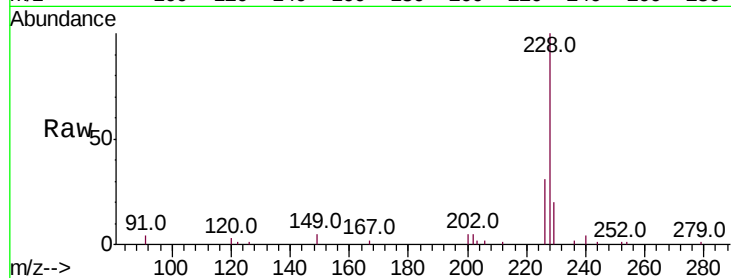
Tot Ion:228 Resp: 45062

Ion Ratio Lower Upper

228 100

226 30.6 21.8 32.6

229 20.4 15.6 23.4

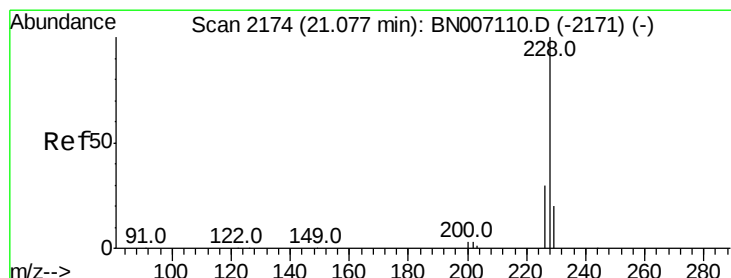
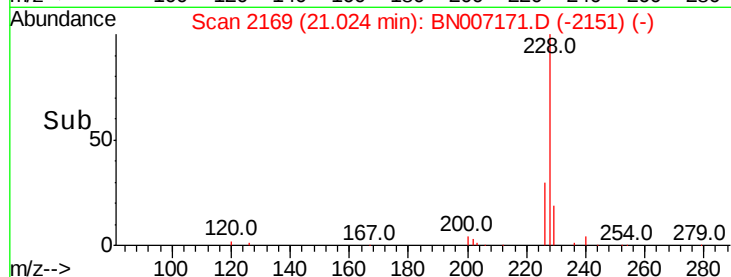
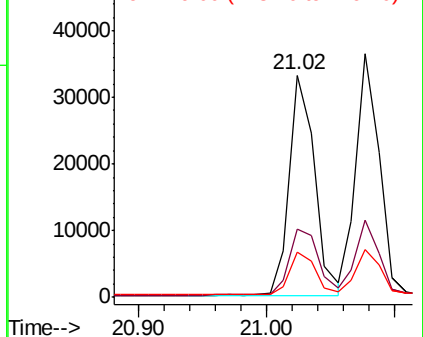


Abundance

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



#30

Chrysene

Concen: 0.405 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

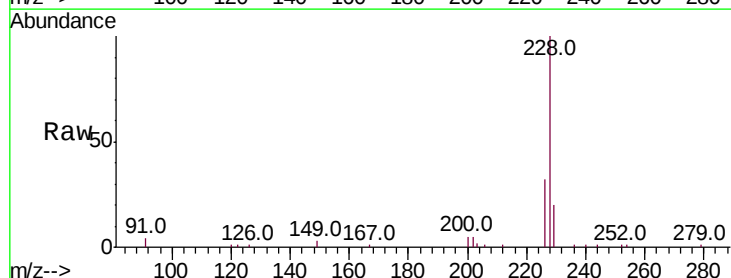
Tgt Ion:228 Resp: 45234

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.6

229 19.9 15.7 23.5

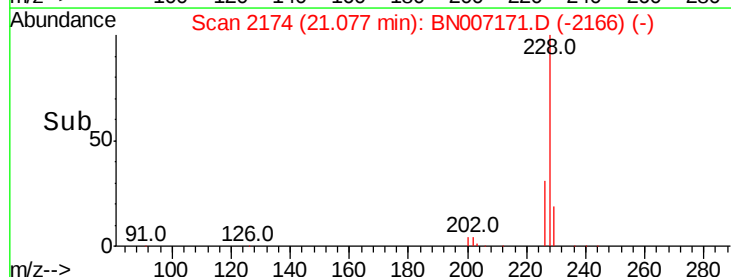
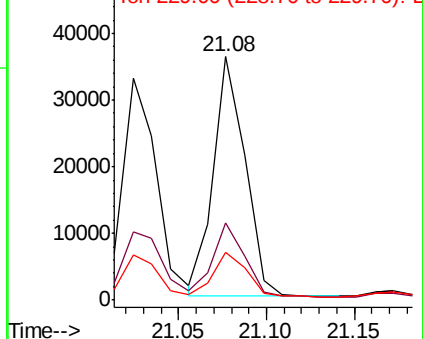


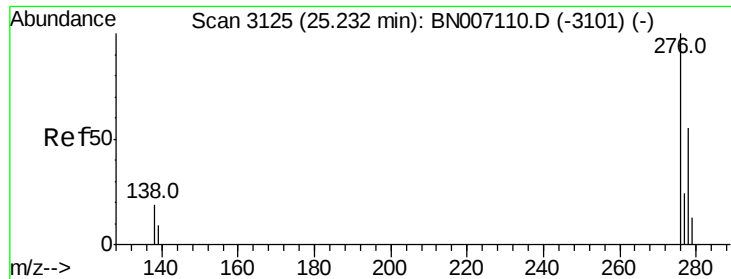
Abundance

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

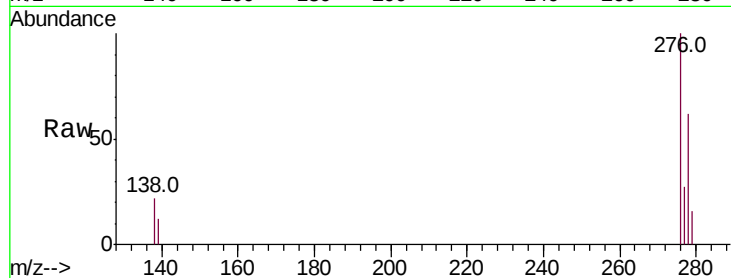




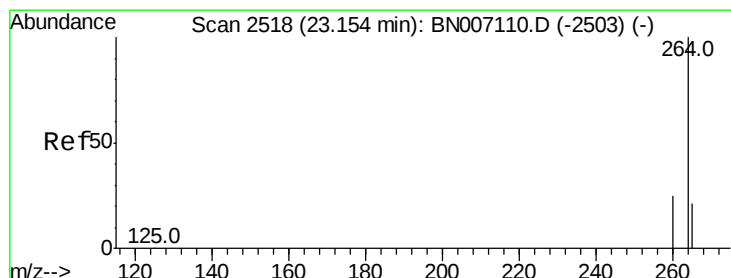
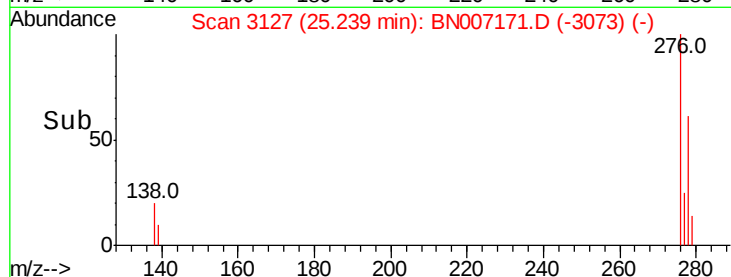
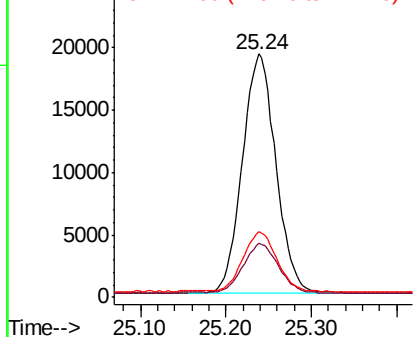
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng
 RT: 25.24 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BN007171.D
 Acq: 14 Aug 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 52149
 Ion Ratio Lower Upper
 276 100
 138 21.4 16.0 24.0
 277 25.0 19.9 29.9

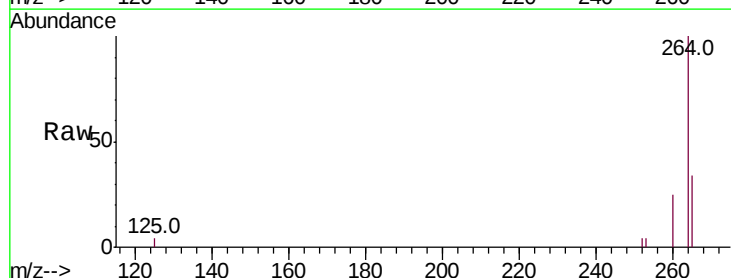


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

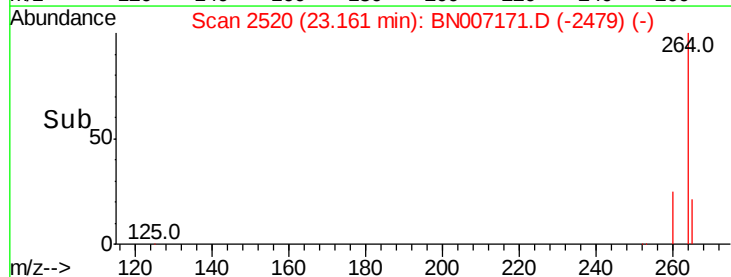
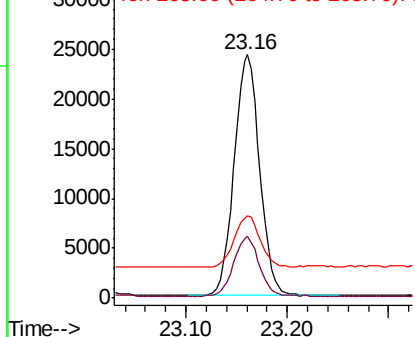


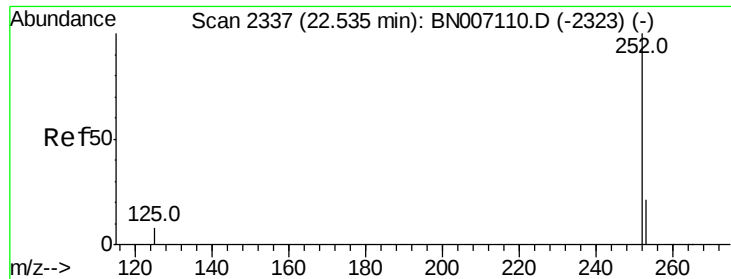
#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BN007171.D
 Acq: 14 Aug 2019 19:53

Tgt Ion:264 Resp: 42049
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.8 29.8
 265 33.8 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

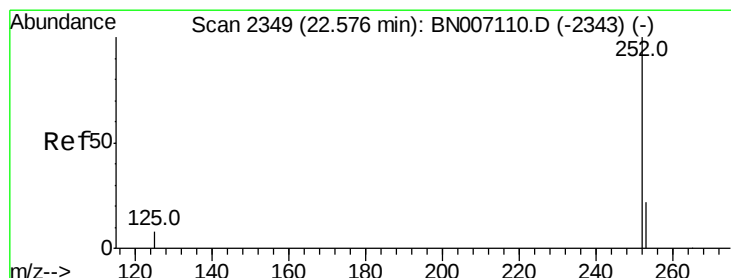
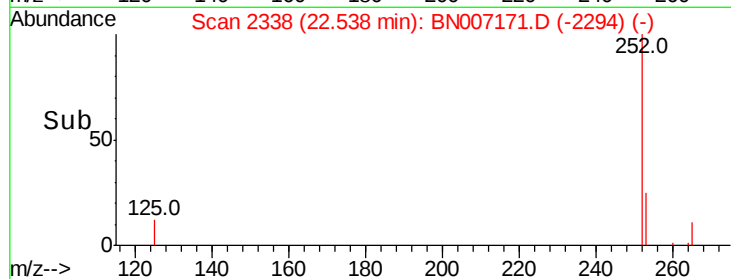
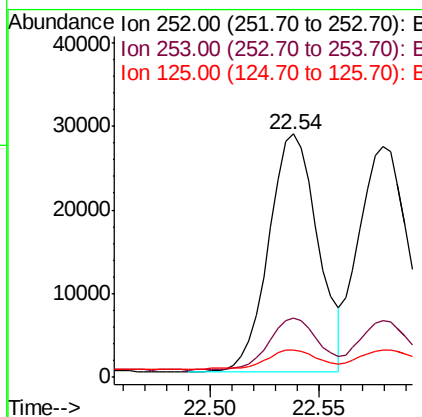
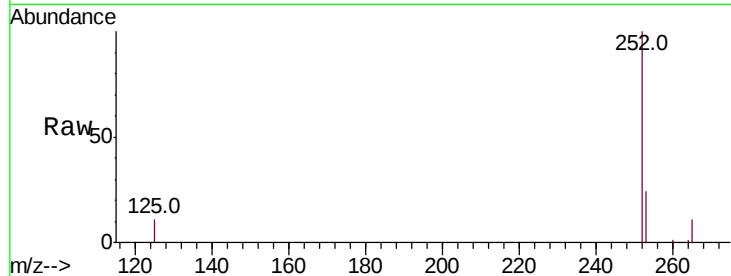




#33
Benzo(b)fluoranthene
Concen: 0.308 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007171.D
Acq: 14 Aug 2019 19:53

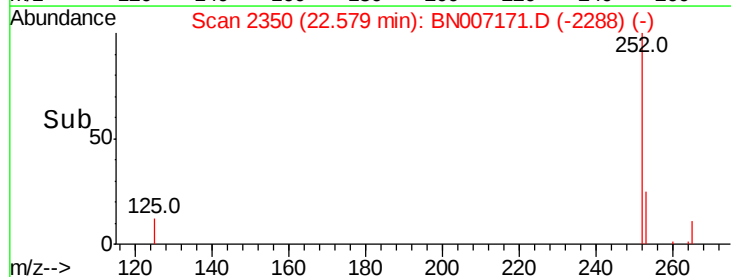
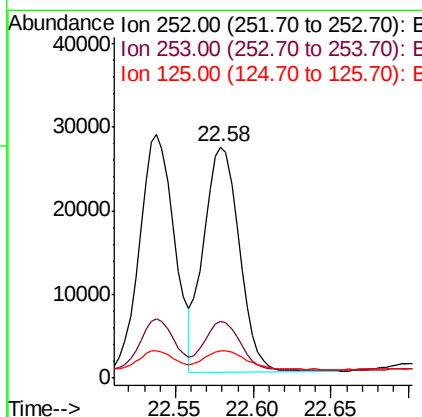
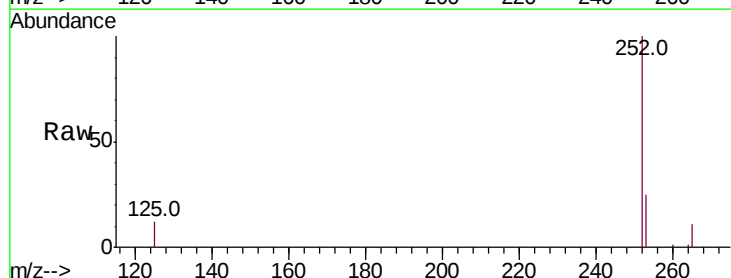
Instrument :
BNA_N
ClientSampleId :

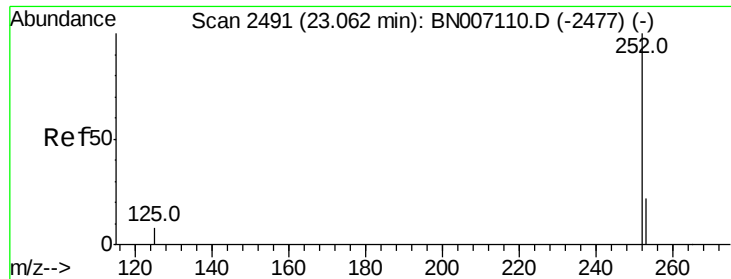
Tot Ion:252 Resp: 44373
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.2
125 11.3 7.4 11.0#



#34
Benzo(k)fluoranthene
Concen: 0.301 ng
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007171.D
Acq: 14 Aug 2019 19:53

Tgt Ion:252 Resp: 42899
Ion Ratio Lower Upper
252 100
253 24.6 18.1 27.1
125 11.9 7.4 11.0#





#35

Benzo(a)pyrene

Concen: 0.327 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

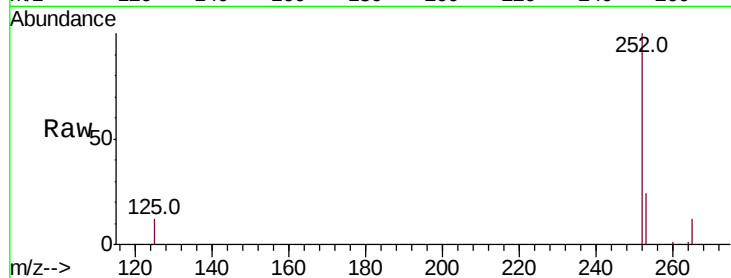
Tot Ion:252 Resp: 42739

Ion Ratio Lower Upper

252 100

253 24.4 18.5 27.7

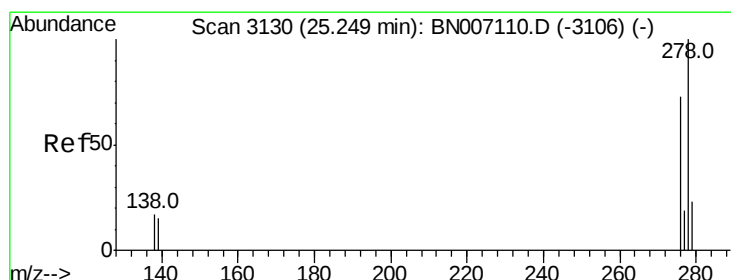
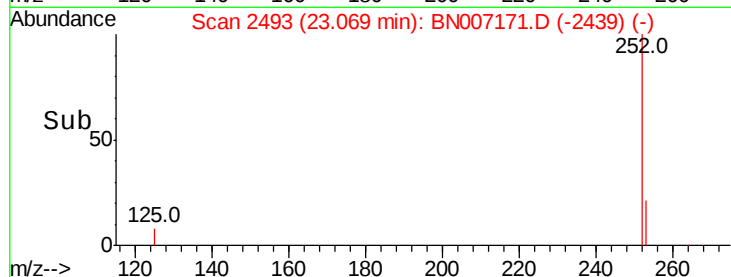
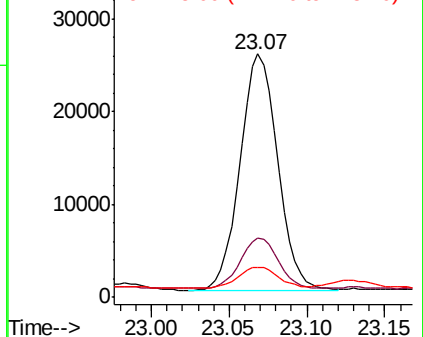
125 12.5 8.2 12.4#



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: 0.326 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

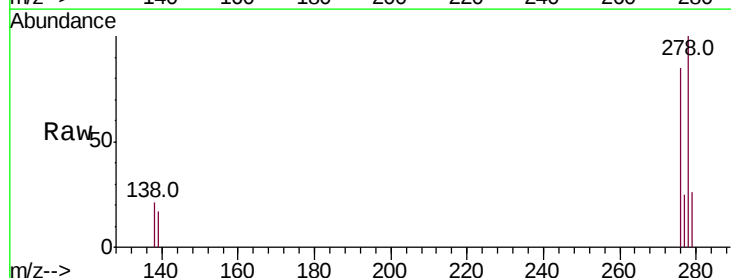
Tgt Ion:278 Resp: 42494

Ion Ratio Lower Upper

278 100

139 17.1 11.3 16.9#

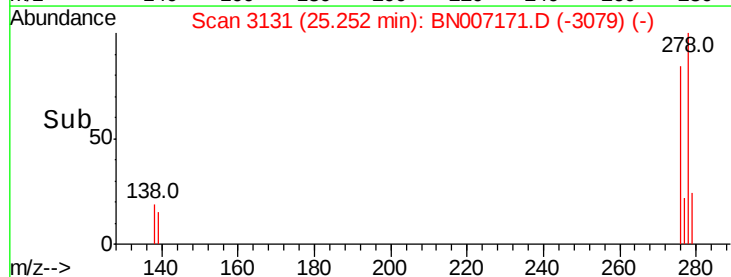
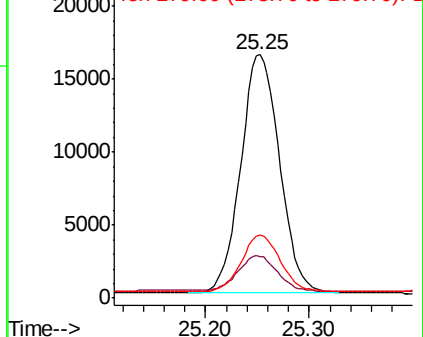
279 25.9 19.3 28.9

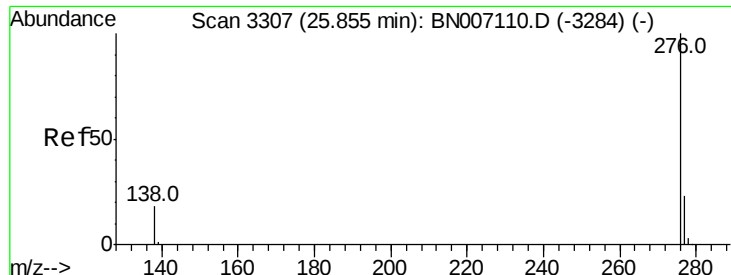


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.339 ng

RT: 25.87 min Scan# 3311

Delta R.T. -0.01 min

Lab File: BN007171.D

Acq: 14 Aug 2019 19:53

Instrument :

BNA_N

ClientSampleId :

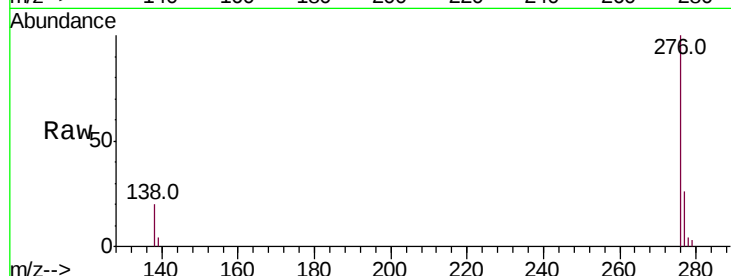
Tot Ion:276 Resp: 45422

Ion Ratio Lower Upper

276 100

277 25.8 19.8 29.8

138 19.7 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

