

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011566.D
 Acq On : 21 Aug 2020 22:25
 Operator : CG/JU
 Sample : PB131149BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131149BS

Quant Time: Aug 22 05:50:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1240	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3855	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	2580	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	5699	0.40	ng	0.00
29) Chrysene-d12	21.01	240	4831	0.40	ng	0.00
36) Perylene-d12	23.11	264	4288	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	766	0.29	ng	0.00
5) Phenol-d6	6.63	99	886	0.33	ng	0.00
8) Nitrobenzene-d5	8.55	82	890	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2475	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	433	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	3780	0.36	ng	0.00
27) Fluoranthene-d10	18.83	212	6228	0.32	ng	0.00
31) Terphenyl-d14	19.46	244	4665	0.37	ng	0.00

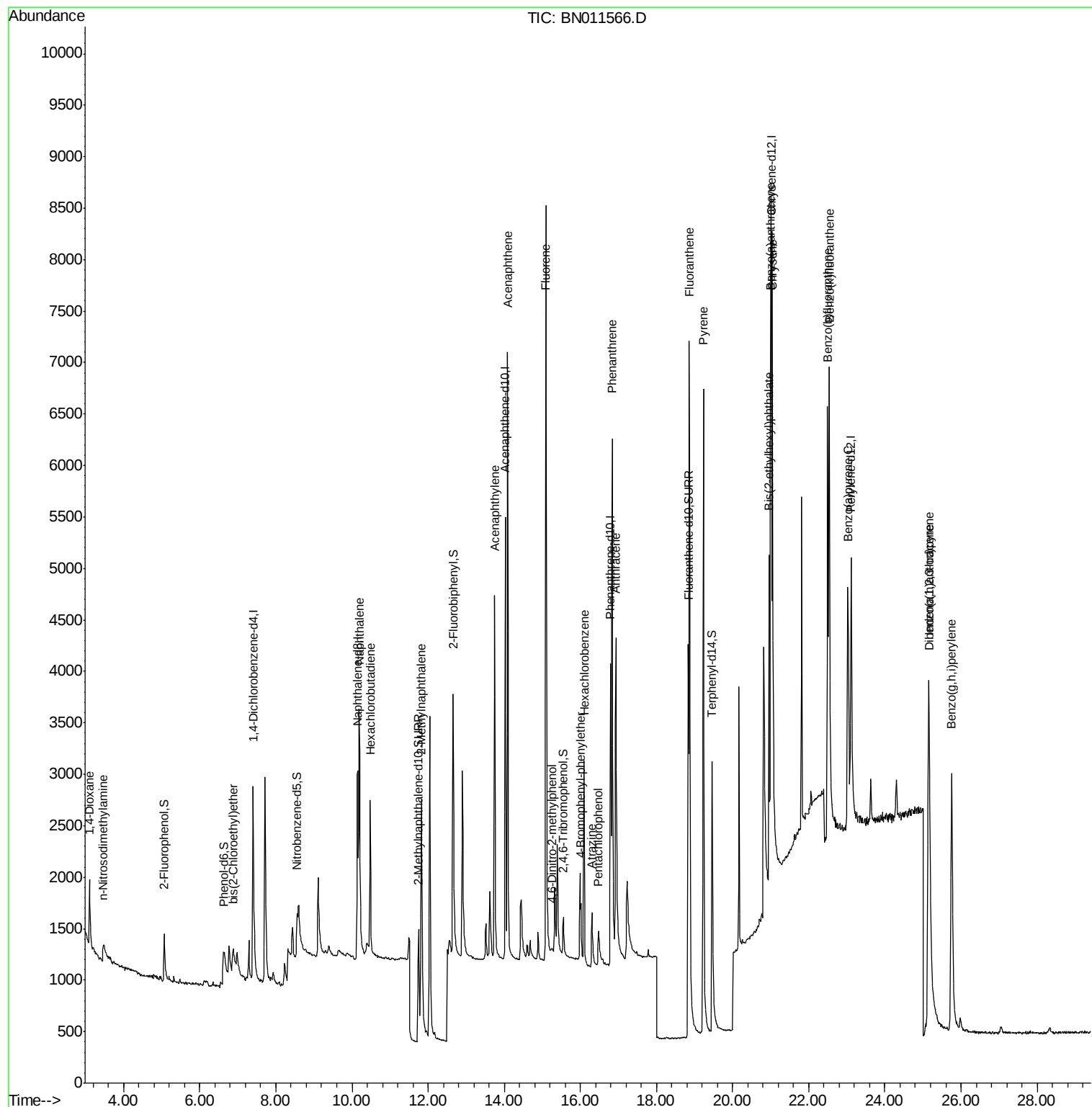
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	675	0.398	ng	# 100
3) n-Nitrosodimethylamine	3.46	42	218	0.312	ng	# 1
6) bis(2-Chloroethyl)ether	6.87	93	757	0.290	ng	95
9) Naphthalene	10.19	128	4128	0.370	ng	100
10) Hexachlorobutadiene	10.48	225	1245	0.398	ng	# 99
12) 2-Methylnaphthalene	11.82	142	2784	0.362	ng	97
16) Acenaphthylene	13.75	152	4623	0.352	ng	99
17) Acenaphthene	14.09	154	3128	0.363	ng	100
18) Fluorene	15.09	166	4071	0.357	ng	99
20) 4,6-Dinitro-2-methylphenol	15.25	198	223	0.372	ng	95
21) 4-Bromophenyl-phenylether	16.02	248	581	0.467	ng	98
22) Hexachlorobenzene	16.10	284	1649	0.375	ng	97
23) Atrazine	16.30	200	724	0.244	ng	96
24) Pentachlorophenol	16.47	266	405	0.296	ng	98
25) Phenanthrene	16.83	178	6409	0.357	ng	100
26) Anthracene	16.93	178	5032	0.336	ng	99
28) Fluoranthene	18.86	202	7592	0.329	ng	99
30) Pvrene	19.23	202	7536	0.392	ng	99
32) Benzo(a)anthracene	21.00	228	5295	0.334	ng	99
33) Chrysene	21.05	228	6883	0.381	ng	99
34) Bis(2-ethylhexyl)phthalate	20.96	149	2686	0.373	ng	99
35) Indeno(1,2,3-cd)pyrene	25.15	276	6740	0.411	ng	97
37) Benzo(b)fluoranthene	22.50	252	5526	0.349	ng	97
38) Benzo(k)fluoranthene	22.54	252	7571	0.401	ng	99
39) Benzo(a)pyrene	23.02	252	5316	0.362	ng	96
40) Dibenzo(a,h)anthracene	25.16	278	5223	0.426	ng	97
41) Benzo(g,h,i)perylene	25.76	276	6154	0.421	ng	97

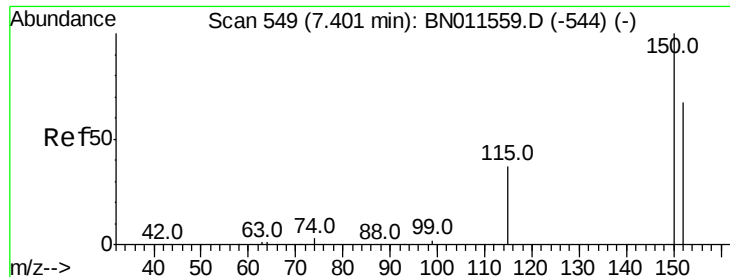
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 22 04:52:07 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

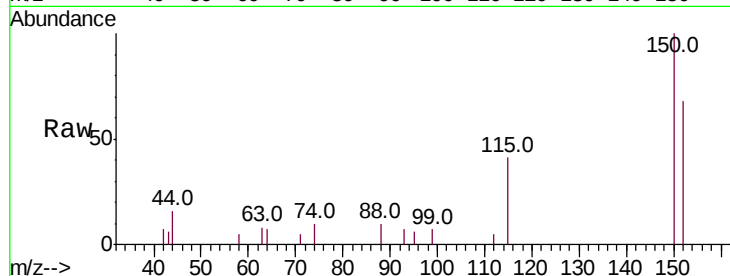
Tot Ion:152 Resp: 1240

Ion Ratio Lower Upper

152 100

150 147.1 117.1 175.7

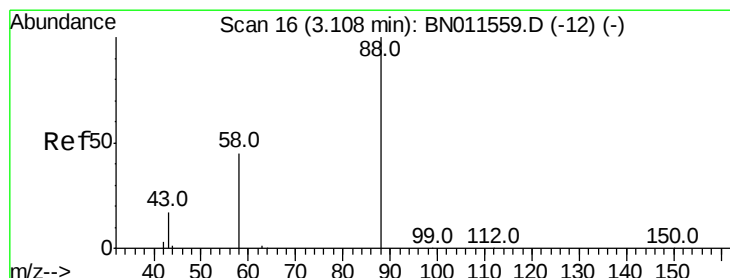
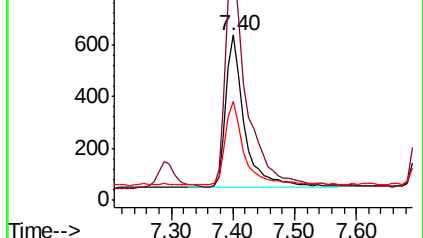
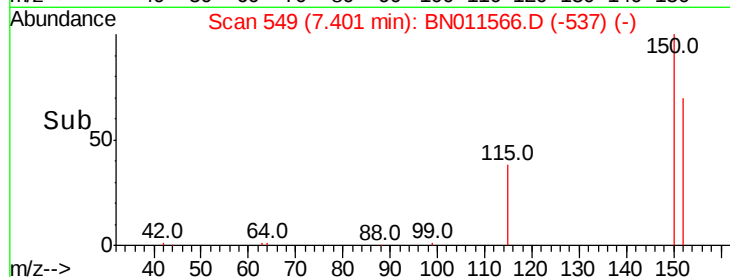
115 59.8 48.7 73.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.398 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

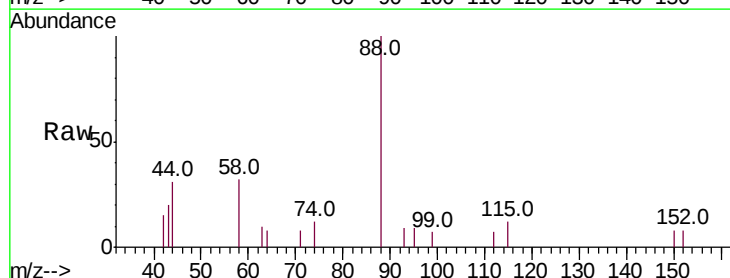
Tgt Ion: 88 Resp: 675

Ion Ratio Lower Upper

88 100

58 43.9 0.0 0.0#

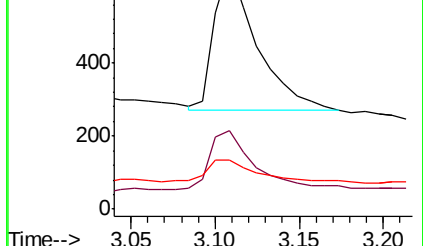
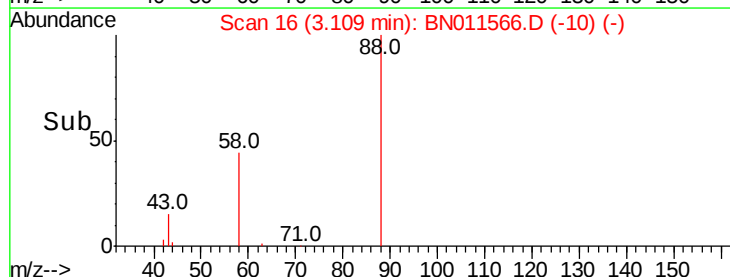
43 15.3 0.0 0.0#

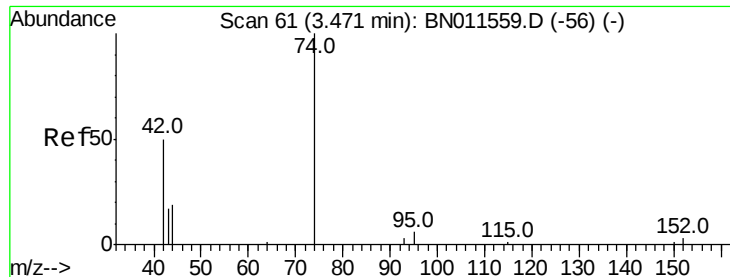


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



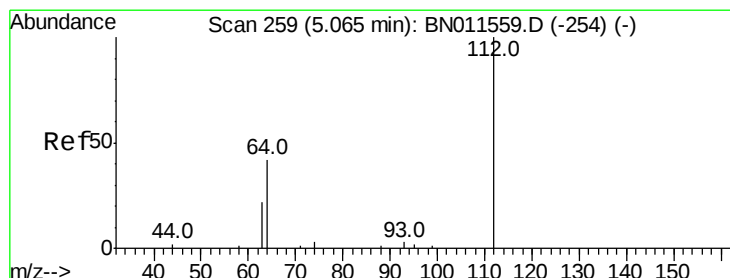
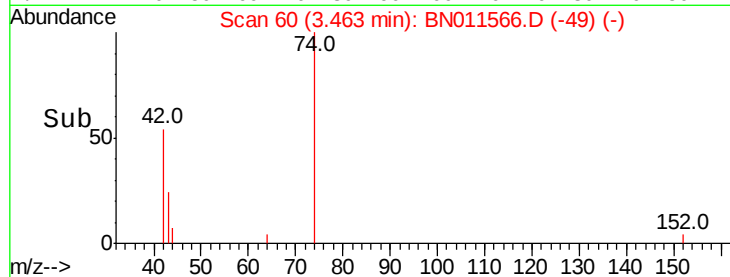
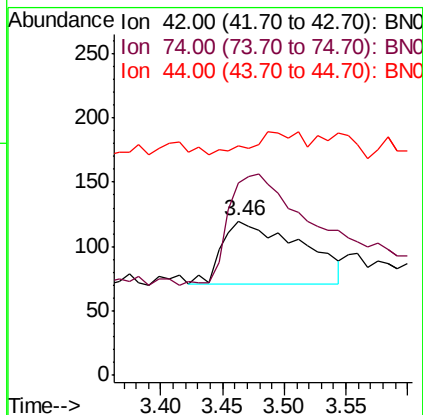
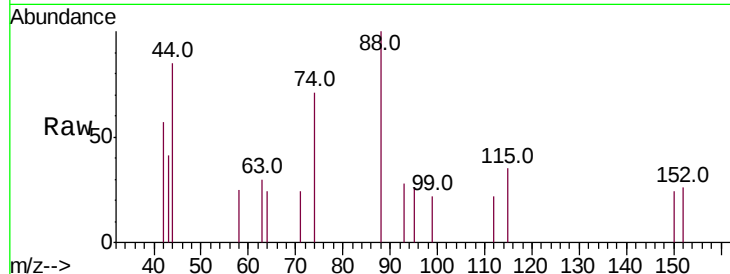


#3

n-Nitrosodimethylamine
 Concen: 0.312 ng
 RT: 3.46 min Scan# 60
 Delta R.T. -0.01 min
 Lab File: BN011566.D
 Acq: 21 Aug 2020 22:25

Instrument :
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 PB131149BS

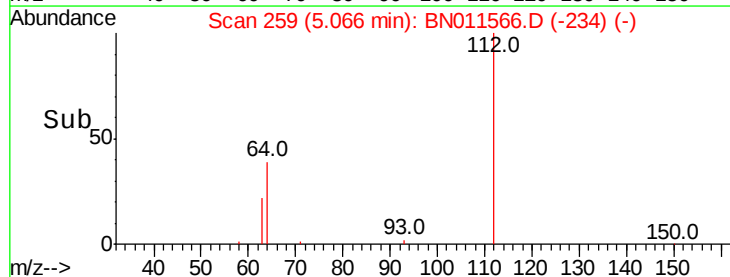
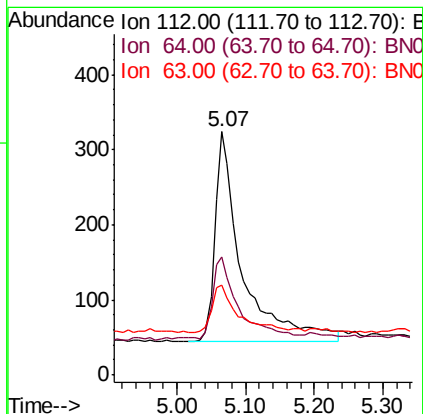
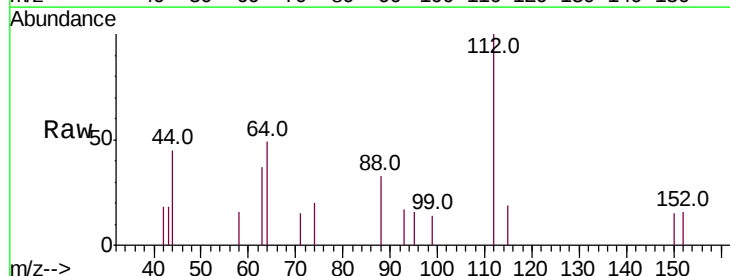
Tot Ion: 42 Resp: 218
 Ion Ratio Lower Upper
 42 100
 74 0.0 169.0 253.4#
 44 0.0 21.6 32.4#

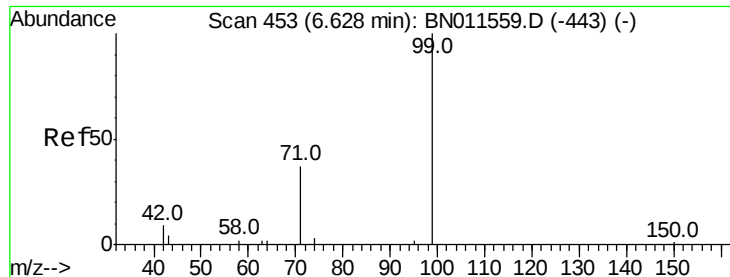


#4

2-Fluorophenol
 Concen: 0.289 ng
 RT: 5.07 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: BN011566.D
 Acq: 21 Aug 2020 22:25

Tgt Ion: 112 Resp: 766
 Ion Ratio Lower Upper
 112 100
 64 41.5 33.9 50.9
 63 22.8 17.7 26.5





#5

Phenol-d6

Concen: 0.331 ng

RT: 6.63 min Scan# 453

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

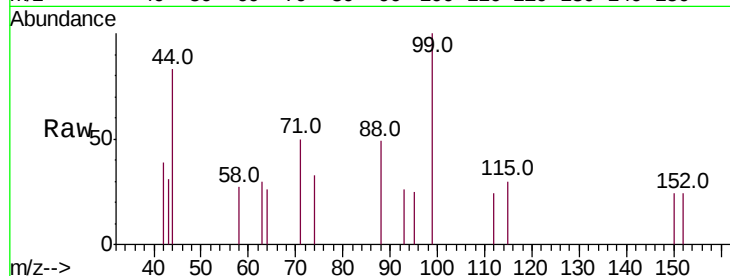
Tot Ion: 99 Resp: 886

Ion Ratio Lower Upper

99 100

42 13.2 9.0 13.4

71 38.4 30.4 45.6



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.63

250

200

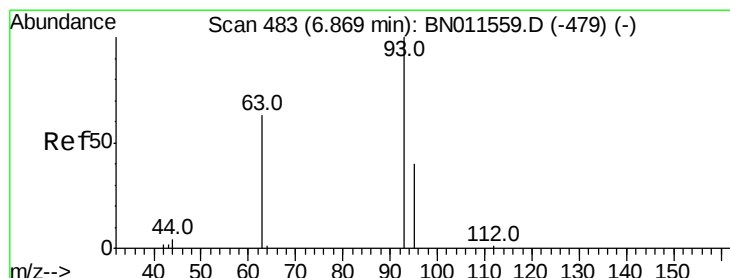
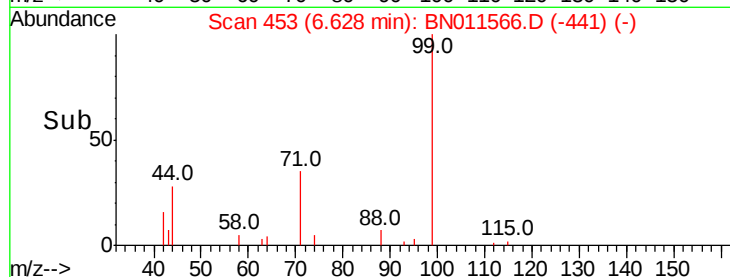
150

100

50

0

Time--> 6.50 6.60 6.70 6.80



#6

bis(2-Chloroethyl)ether

Concen: 0.290 ng

RT: 6.87 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

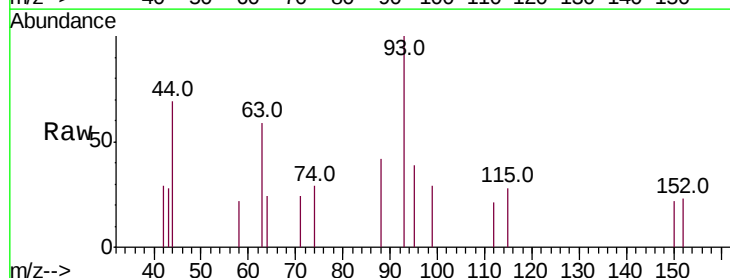
Tgt Ion: 93 Resp: 757

Ion Ratio Lower Upper

93 100

63 39.6 32.9 49.3

95 27.3 25.3 37.9



Abundance Ion 93.00 (92.70 to 93.70): BN011559.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN011559.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN011559.D (-479) (-)

400

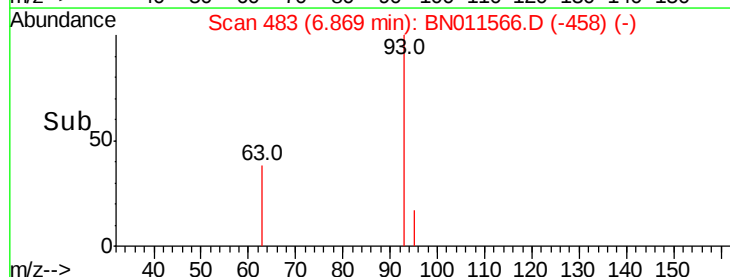
300

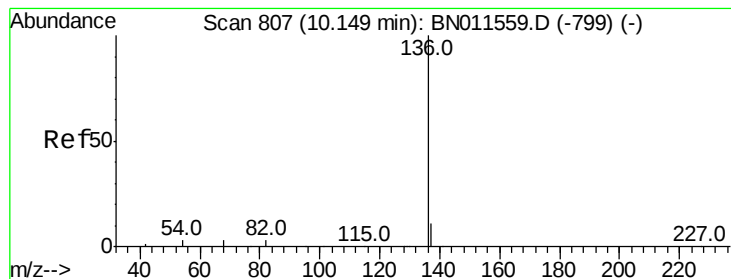
200

100

0

Time--> 6.80 6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 807

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

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ClientSampleId :

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Tot Ion:136 Resp: 3855

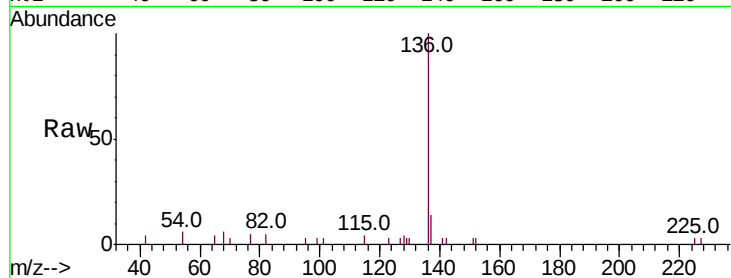
Ion Ratio Lower Upper

136 100

137 13.9 11.0 16.4

54 5.6 4.3 6.5

68 5.6 4.9 7.3

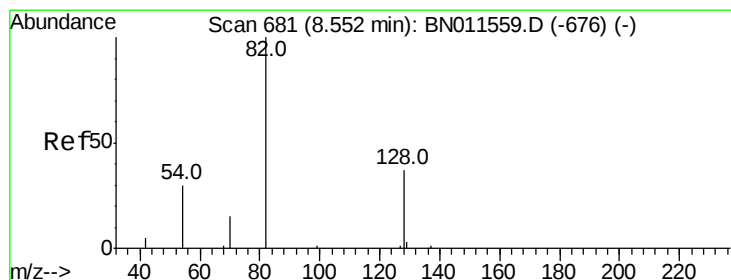
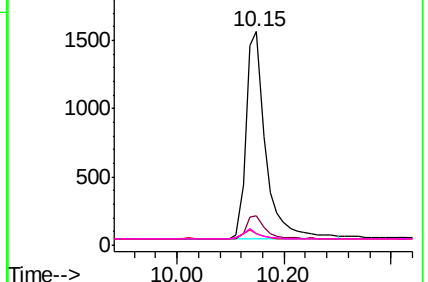
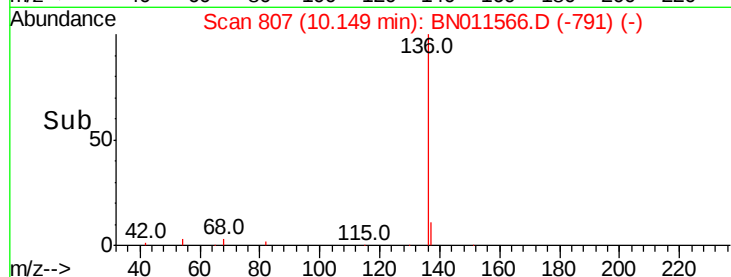


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.55 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

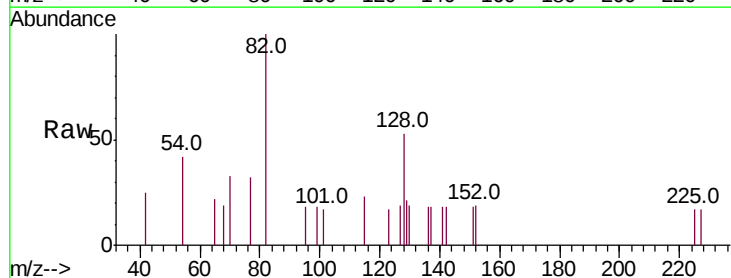
Tgt Ion: 82 Resp: 890

Ion Ratio Lower Upper

82 100

128 52.7 41.7 62.5

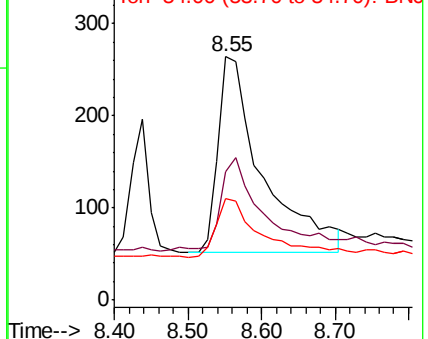
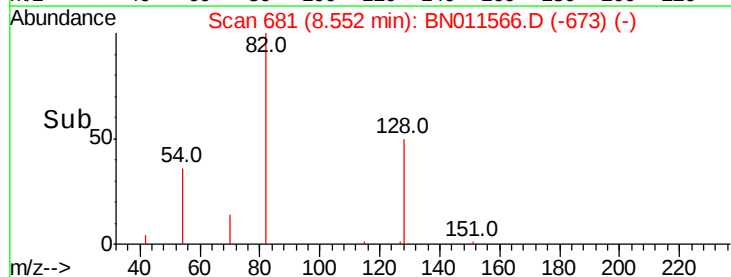
54 41.7 34.4 51.6

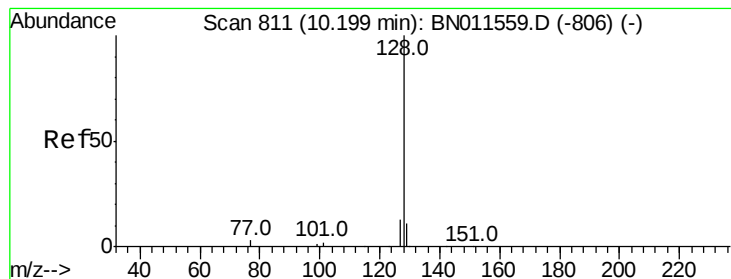


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.370 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011566.D

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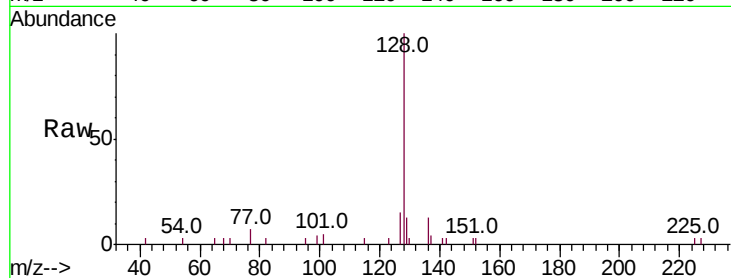
Tot Ion:128 Resp: 4128

Ion Ratio Lower Upper

128 100

129 13.3 10.8 16.2

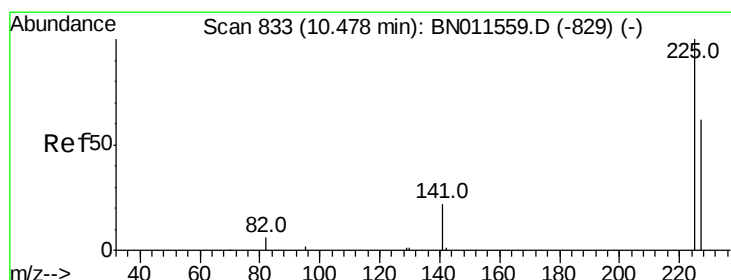
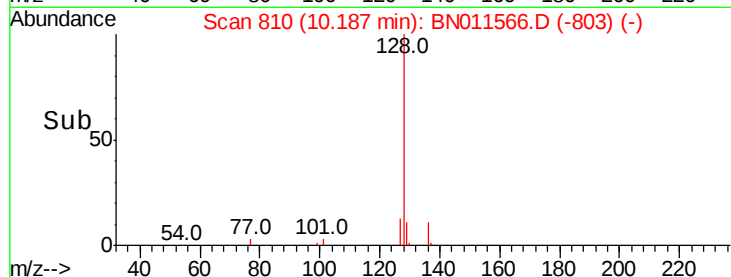
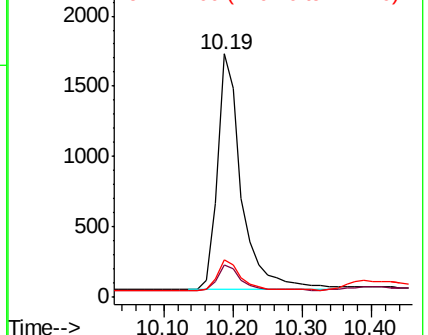
127 15.5 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.398 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

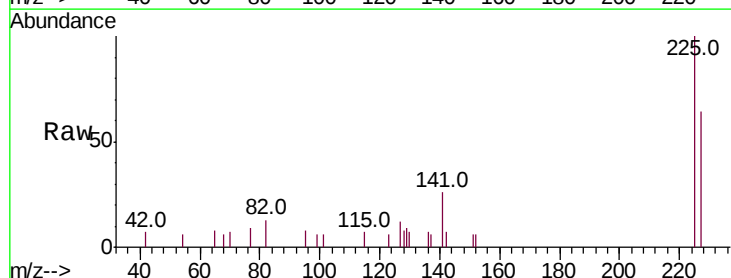
Tgt Ion:225 Resp: 1245

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

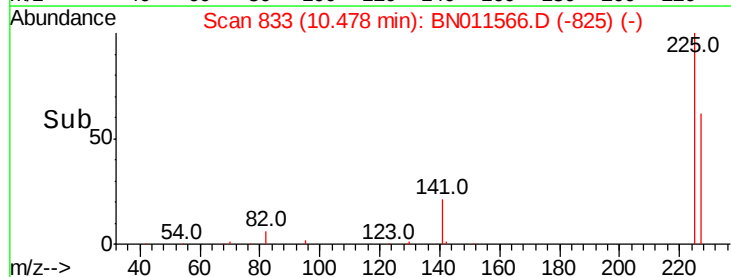
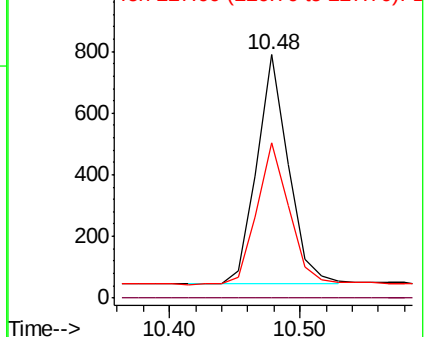
227 63.5 51.3 76.9

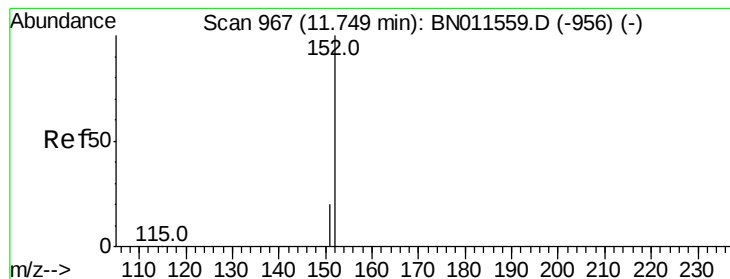


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 11.74 min Scan# 966

Delta R.T. -0.00 min

Lab File: BN011566.D

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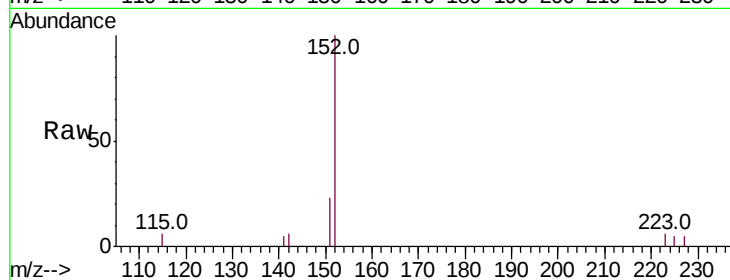
PB131149BS

Tot Ion:152 Resp: 2475

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

1000

800

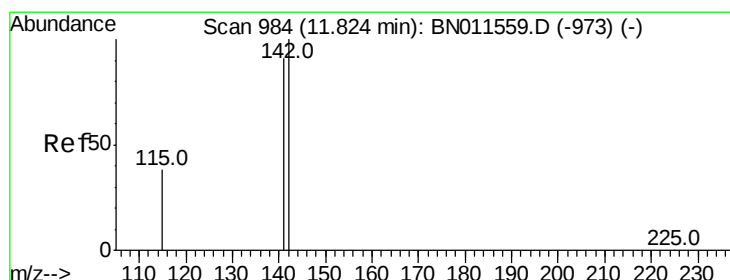
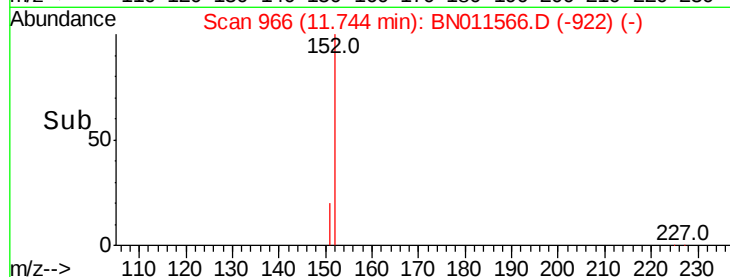
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.362 ng

RT: 11.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

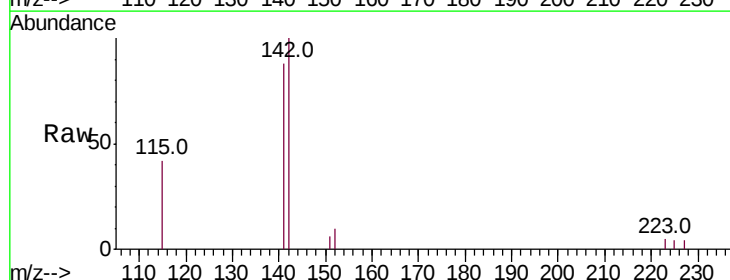
Tgt Ion:142 Resp: 2784

Ion Ratio Lower Upper

142 100

141 88.0 73.0 109.6

115 42.4 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

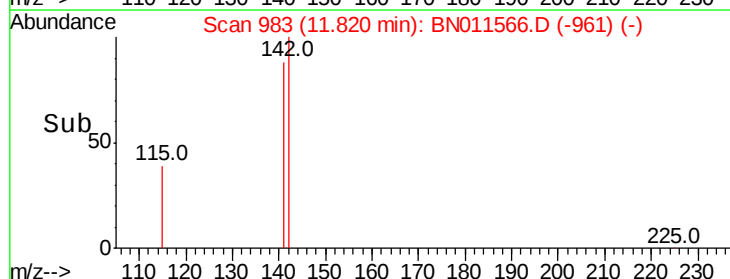
1500

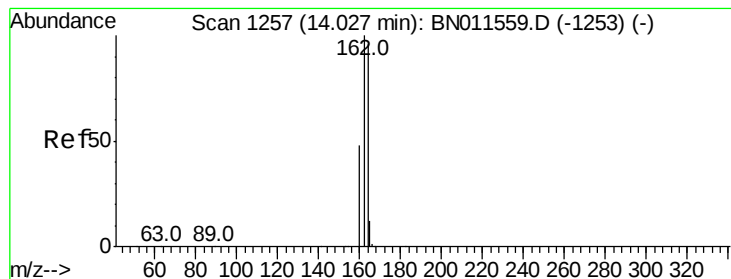
1000

500

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011566.D

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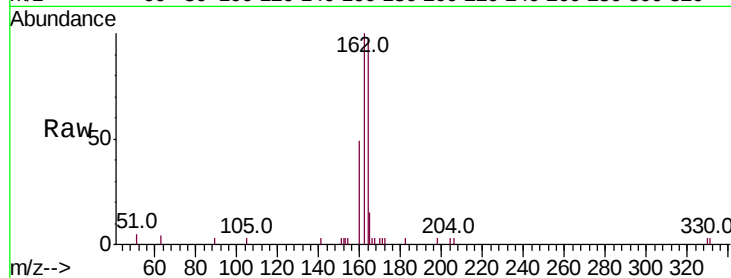
Tot Ion:164 Resp: 2580

Ion Ratio Lower Upper

164 100

162 103.2 83.7 125.5

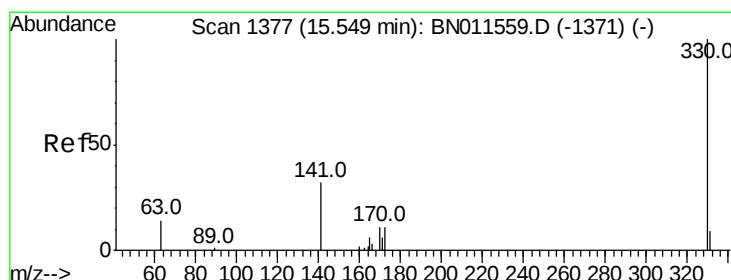
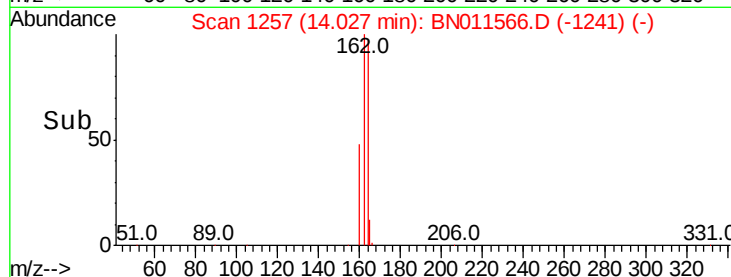
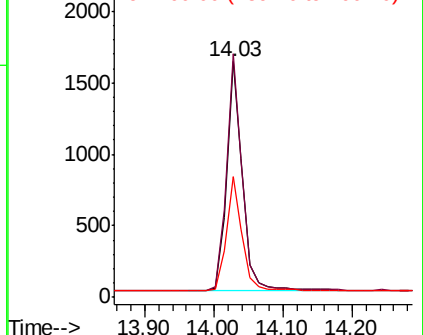
160 51.0 41.1 61.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.337 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

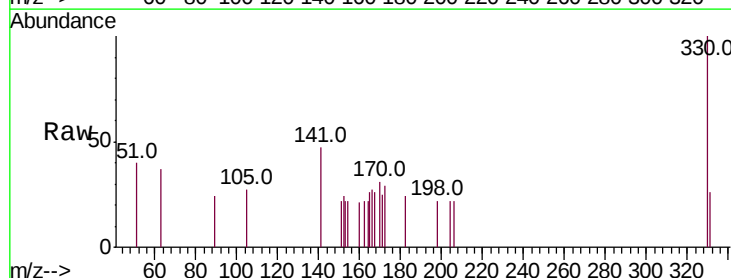
Tgt Ion:330 Resp: 433

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

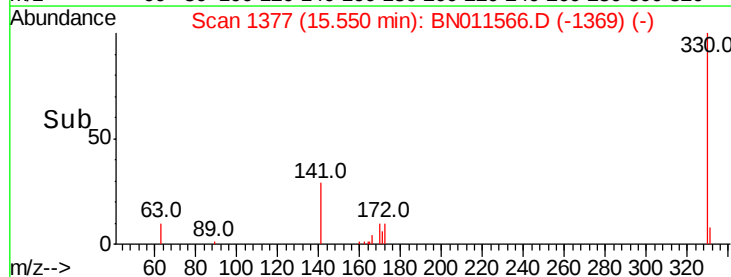
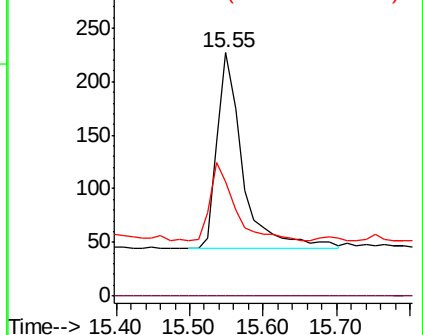
141 40.2 34.6 52.0

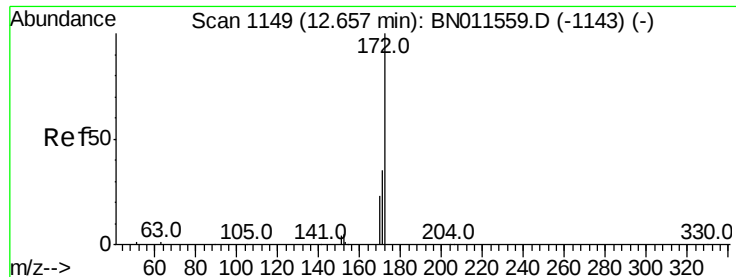


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

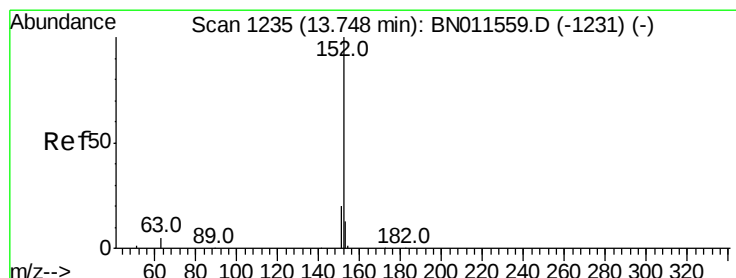
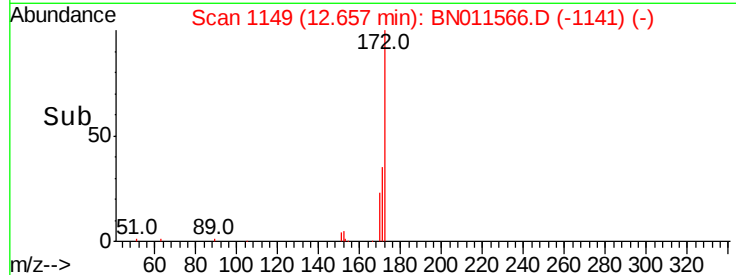
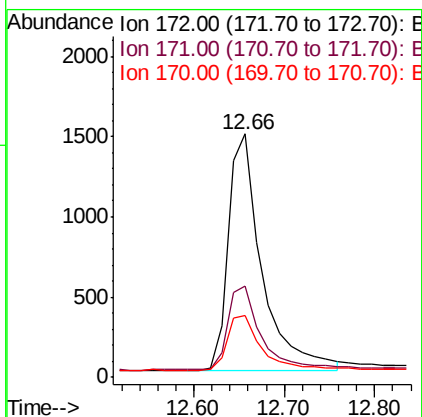
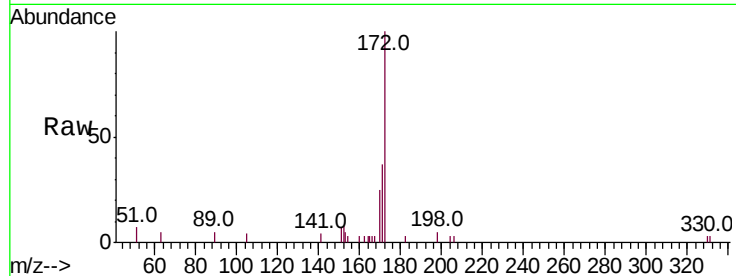




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.66 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BN011566.D
Acq: 21 Aug 2020 22:25

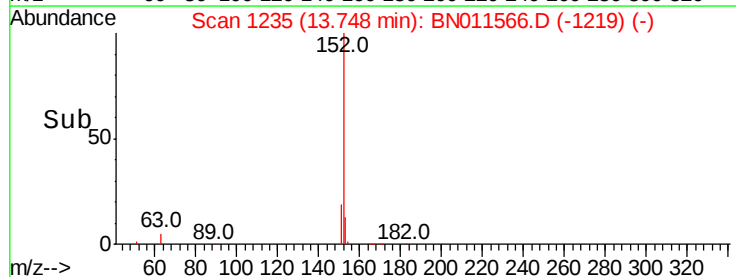
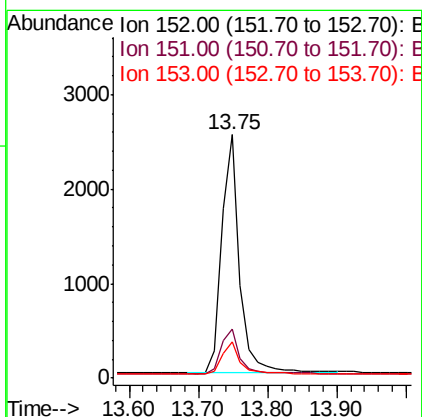
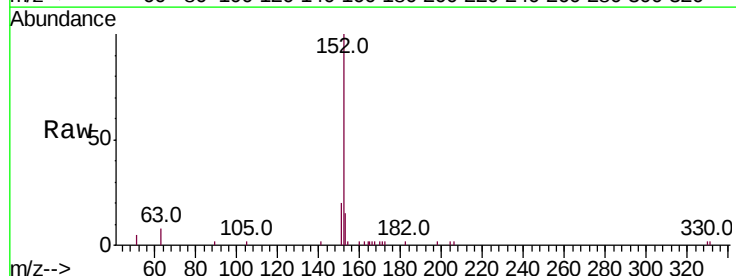
Instrument :
BNA_N
ClientSampleId :
PB131149BS

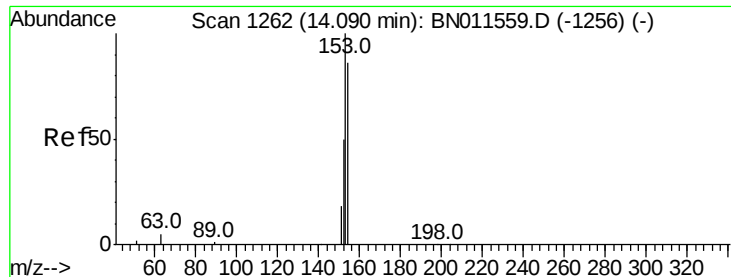
Tot Ion:172 Resp: 3780
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 25.4 20.1 30.1



#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.75 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BN011566.D
Acq: 21 Aug 2020 22:25

Tgt Ion:152 Resp: 4623
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.7 10.6 16.0





#17

Acenaphthene

Concen: 0.363 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

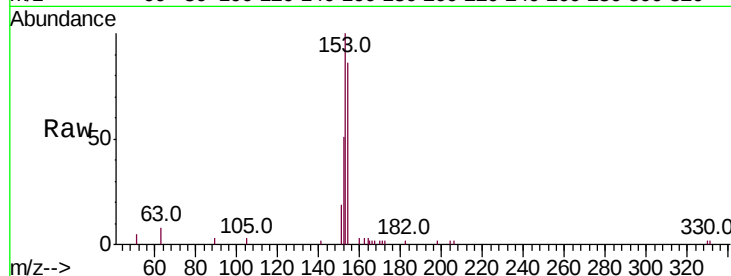
Tot Ion:154 Resp: 3128

Ion Ratio Lower Upper

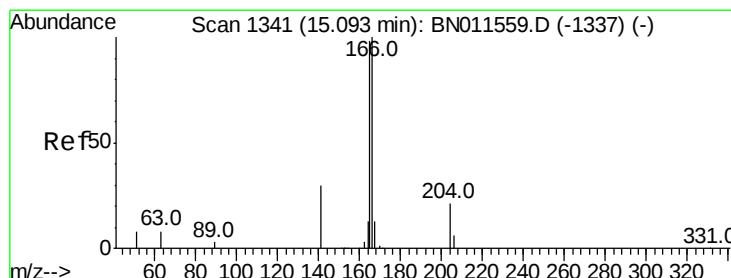
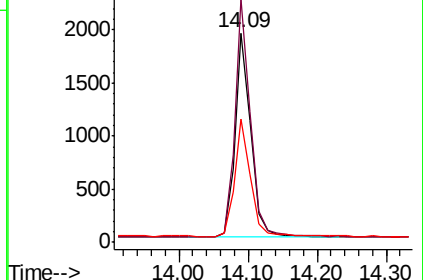
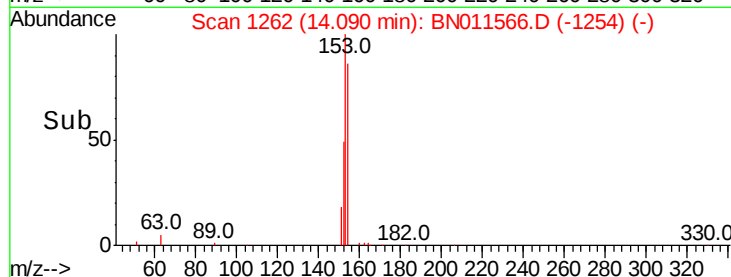
154 100

153 114.9 91.8 137.8

152 57.5 46.3 69.5



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: 0.357 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

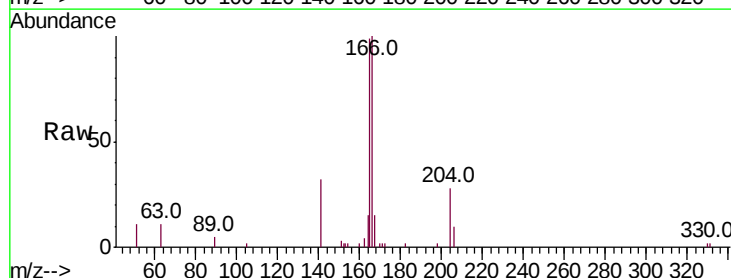
Tgt Ion:166 Resp: 4071

Ion Ratio Lower Upper

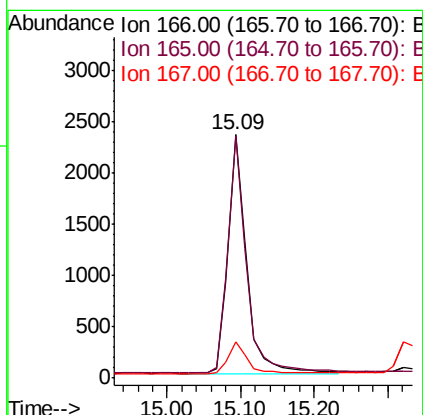
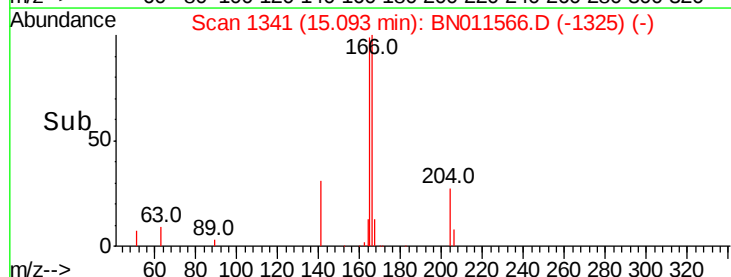
166 100

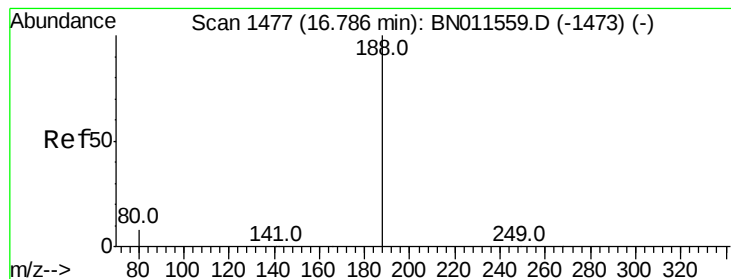
165 99.4 78.2 117.2

167 13.4 10.7 16.1



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: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

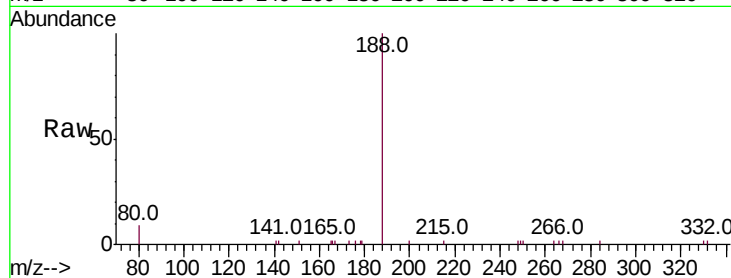
Tot Ion:188 Resp: 5699

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

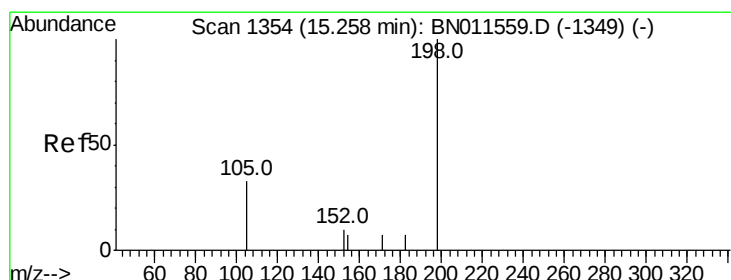
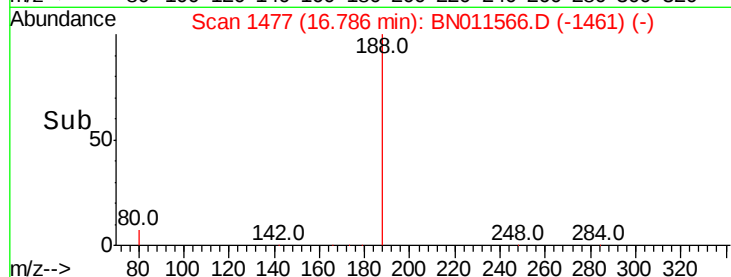
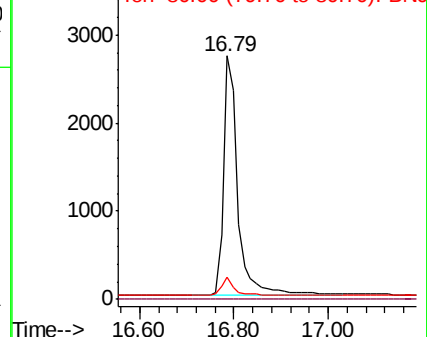
80 8.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.372 ng

RT: 15.25 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

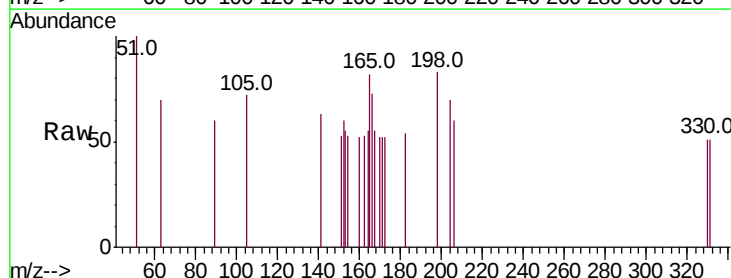
Tgt Ion:198 Resp: 223

Ion Ratio Lower Upper

198 100

51 120.3 89.4 134.2

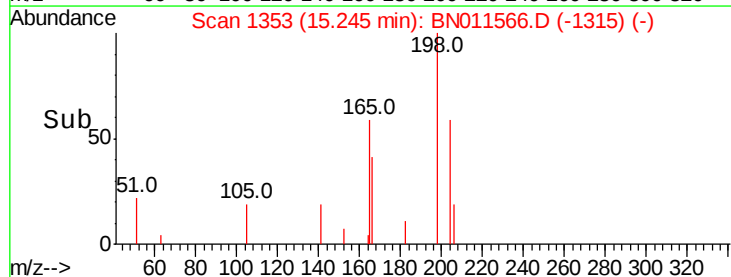
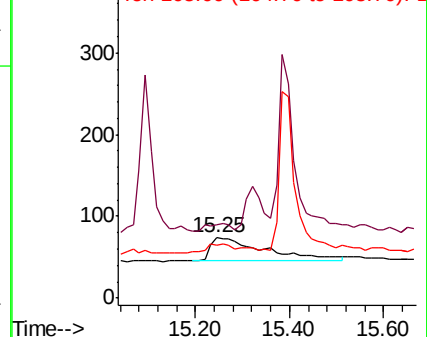
105 86.5 70.6 105.8

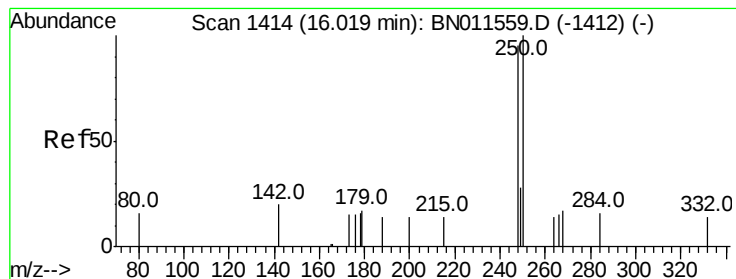


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.467 ng

RT: 16.02 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

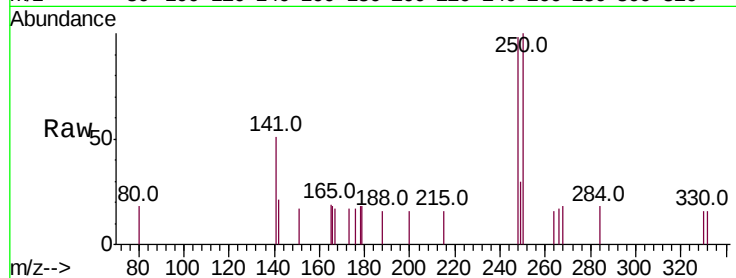
Tot Ion:248 Resp: 581

Ion Ratio Lower Upper

248 100

250 101.8 83.8 125.8

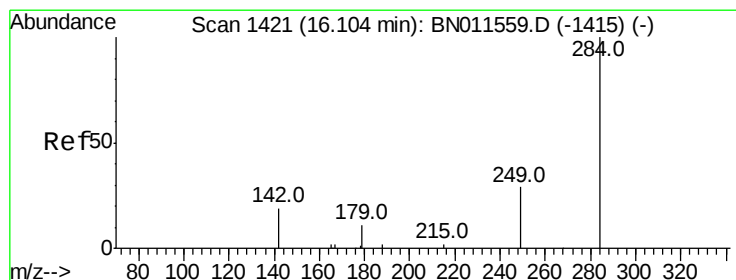
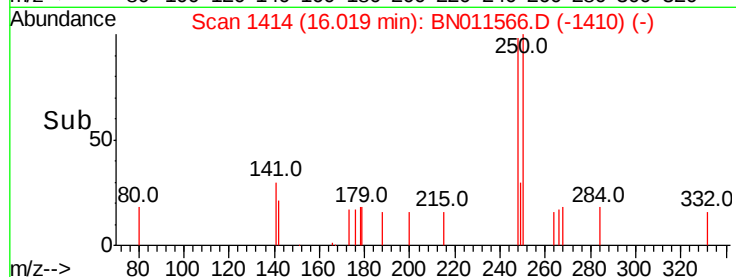
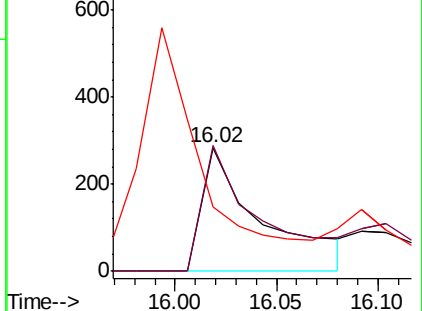
141 52.1 41.0 61.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.10 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

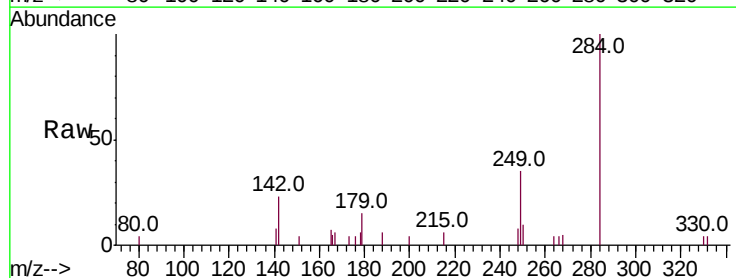
Tgt Ion:284 Resp: 1649

Ion Ratio Lower Upper

284 100

142 38.4 29.7 44.5

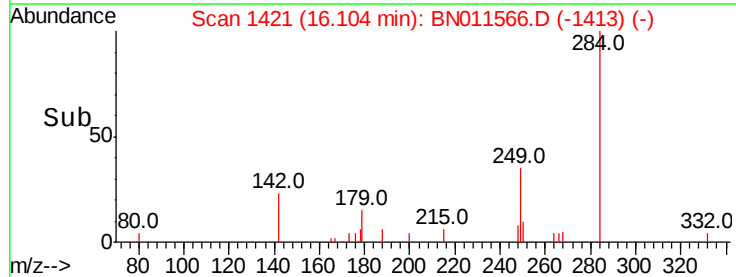
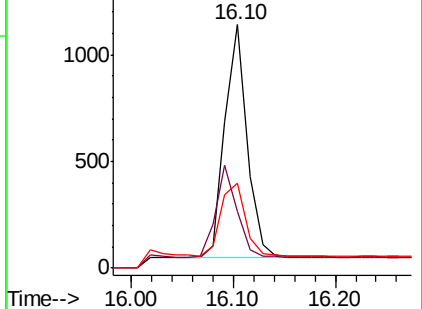
249 35.5 26.8 40.2

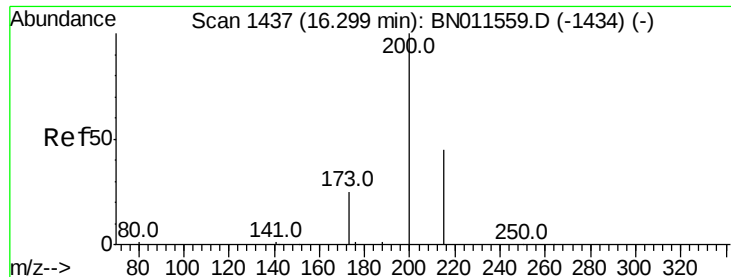


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.244 ng

RT: 16.30 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

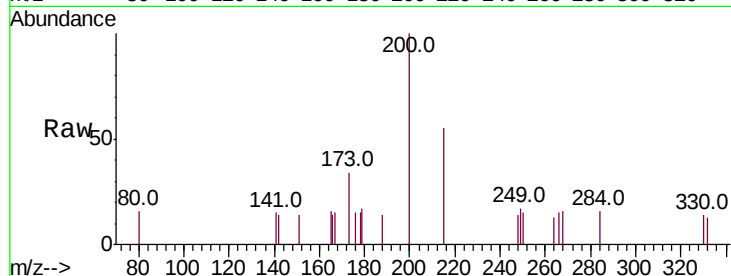
Tot Ion:200 Resp: 724

Ion Ratio Lower Upper

200 100

173 33.5 27.7 41.5

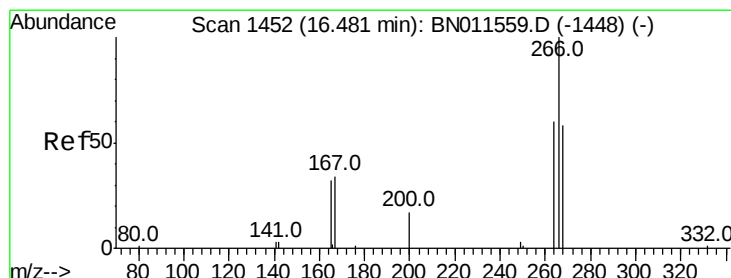
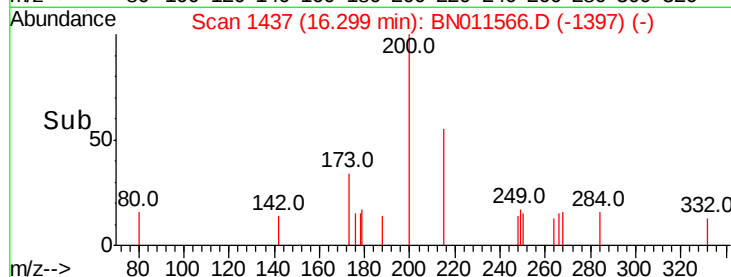
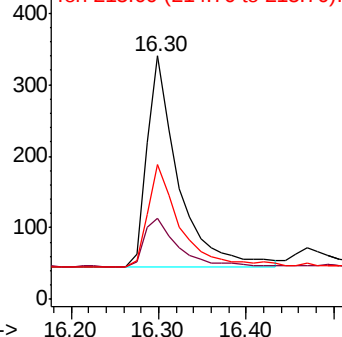
215 55.3 41.5 62.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.296 ng

RT: 16.47 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

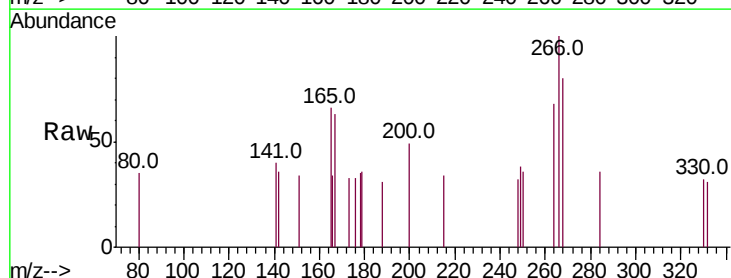
Tgt Ion:266 Resp: 405

Ion Ratio Lower Upper

266 100

264 58.3 48.7 73.1

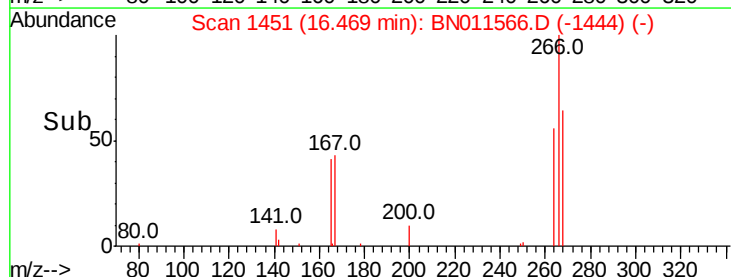
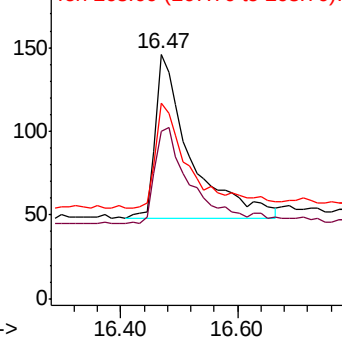
268 63.2 51.0 76.6

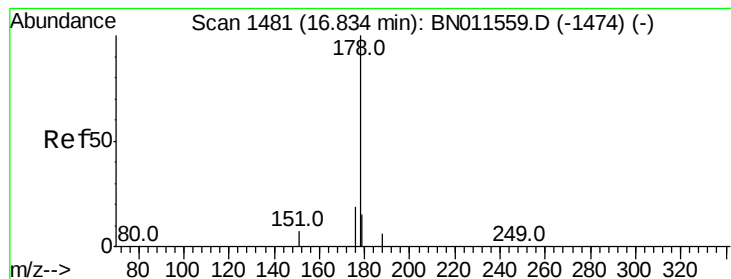


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.357 ng

RT: 16.83 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

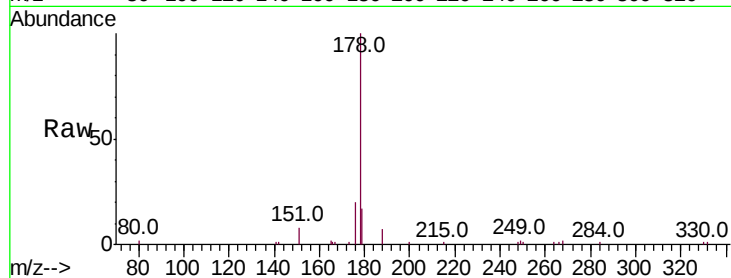
Tot Ion:178 Resp: 6409

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

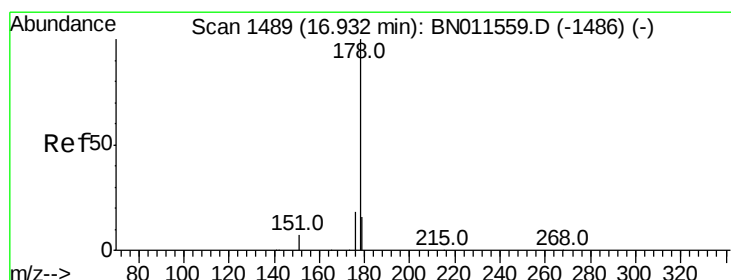
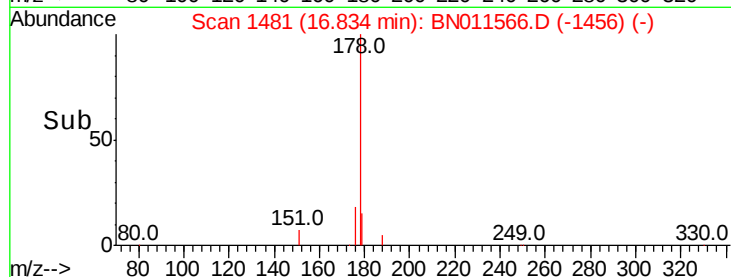
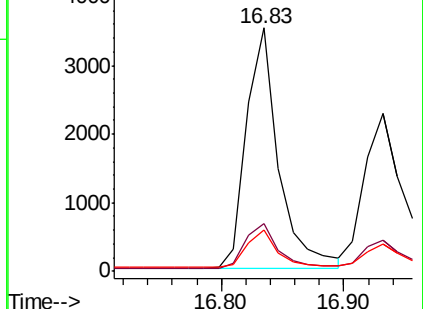
179 15.4 12.3 18.5



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



#26

Anthracene

Concen: 0.336 ng

RT: 16.93 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

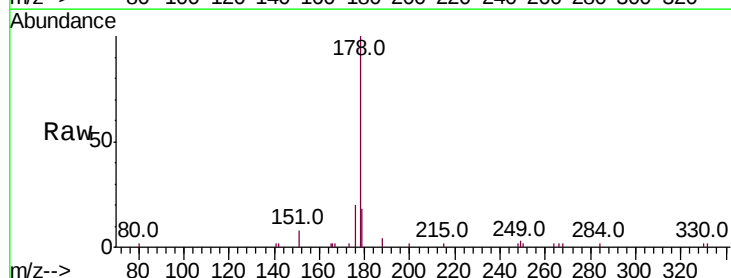
Tgt Ion:178 Resp: 5032

Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

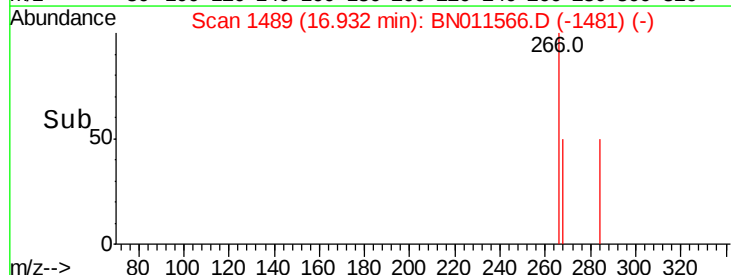
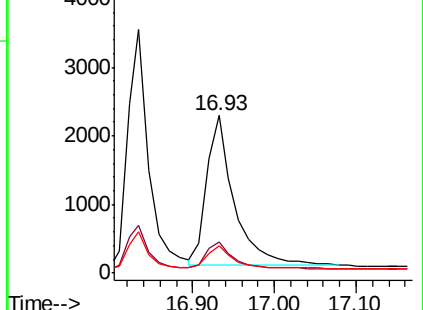
179 15.6 12.9 19.3

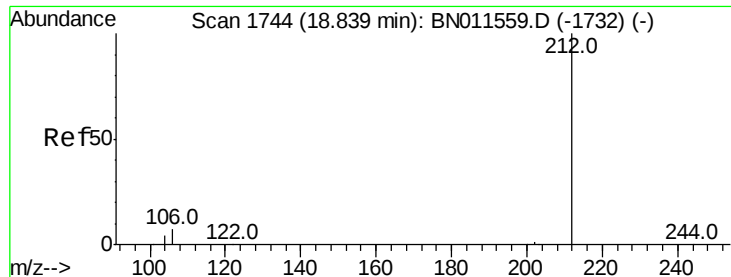


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

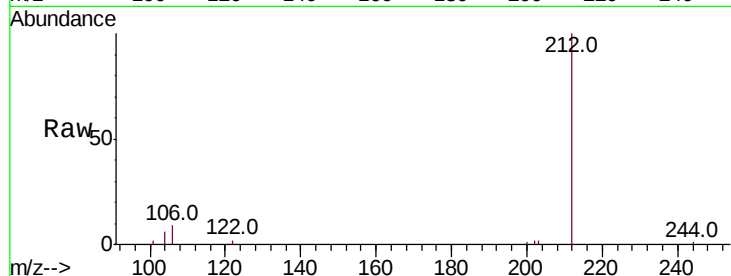




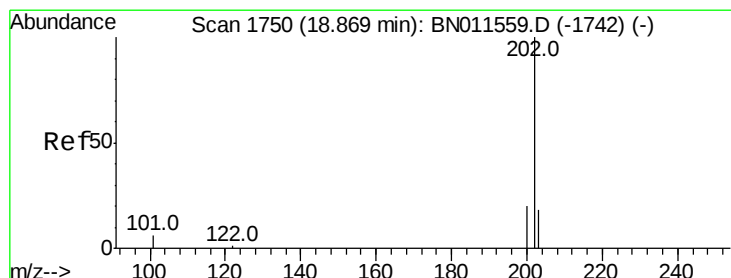
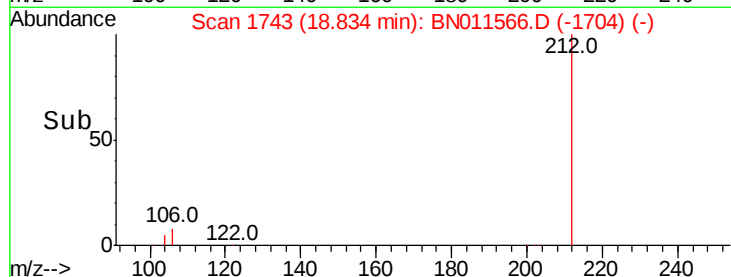
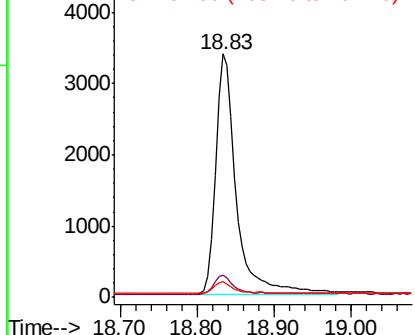
#27
 Fluoranthene-d10
 Concen: 0.324 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BN011566.D
 Acq: 21 Aug 2020 22:25

Instrument :
 BNA_N
 ClientSampleId :
 PB131149BS

Tot Ion:212 Resp: 6228
 Ion Ratio Lower Upper
 212 100
 106 7.8 6.2 9.2
 104 4.5 3.8 5.6

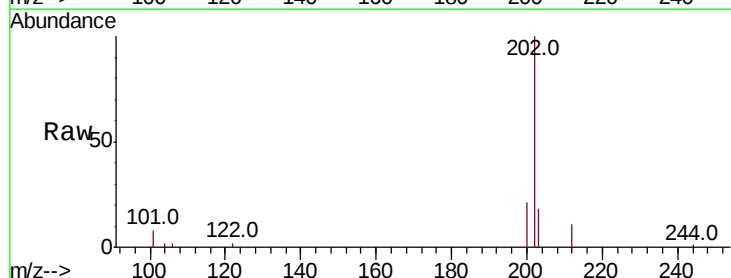


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

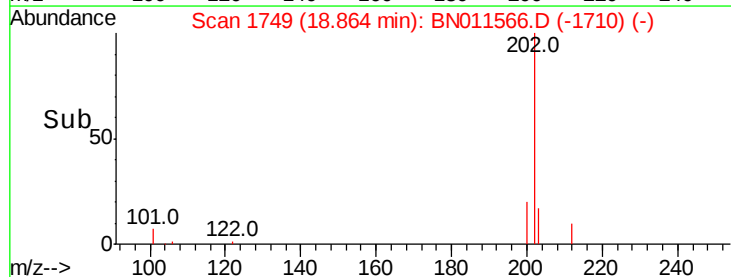
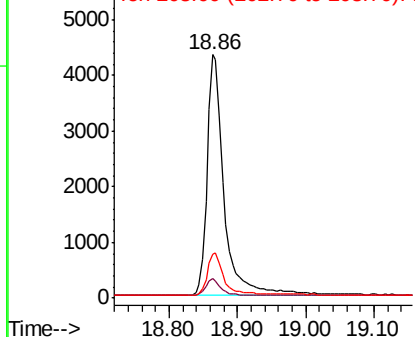


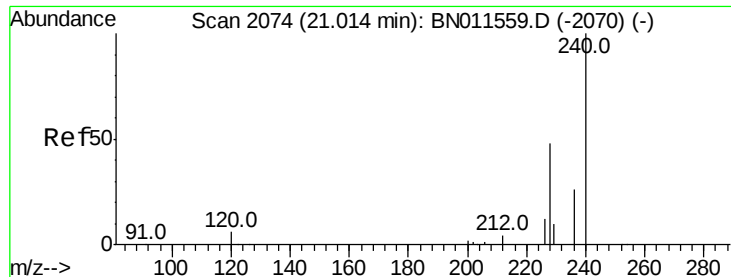
#28
 Fluoranthene
 Concen: 0.329 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011566.D
 Acq: 21 Aug 2020 22:25

Tgt Ion:202 Resp: 7592
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.2 7.8
 203 17.5 13.6 20.4



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





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

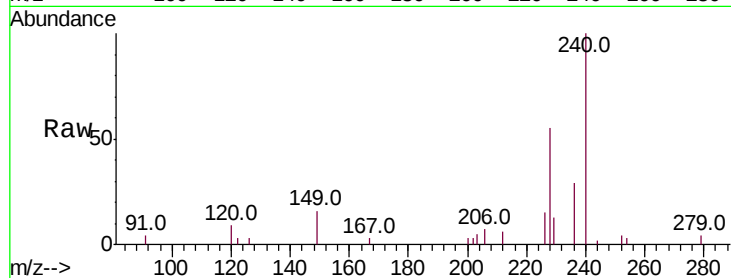
Tot Ion:240 Resp: 4831

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

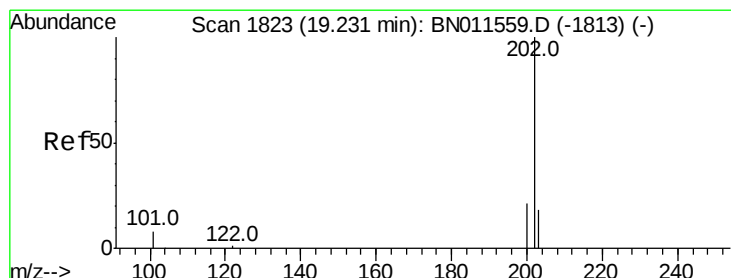
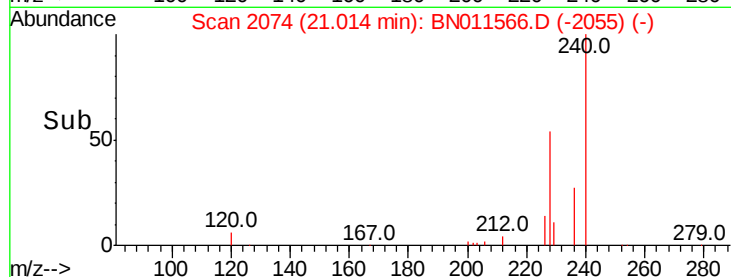
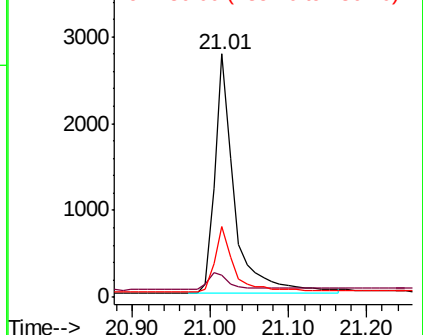
236 28.9 22.3 33.5



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



#30

Pyrene

Concen: 0.392 ng

RT: 19.23 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

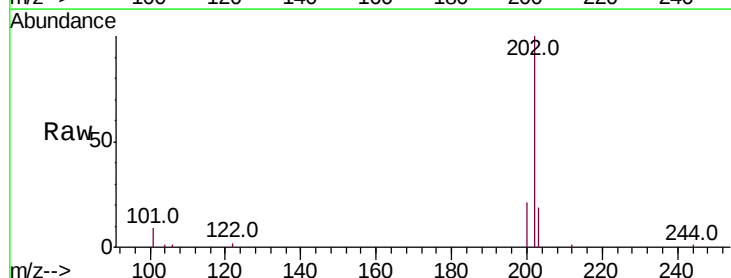
Tgt Ion:202 Resp: 7536

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

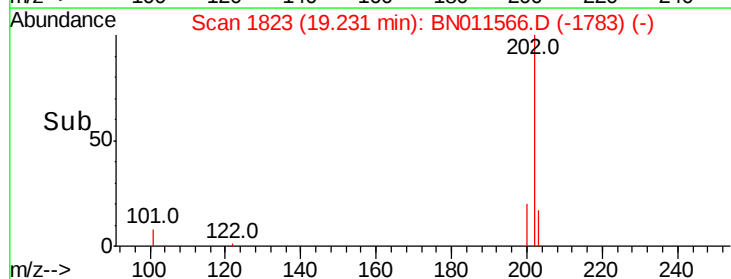
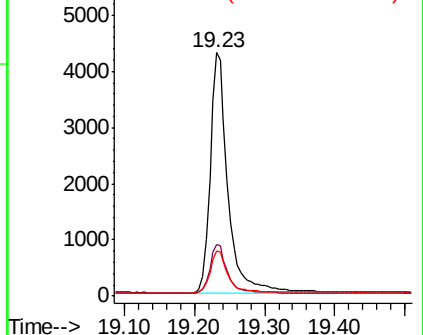
203 17.4 14.2 21.2

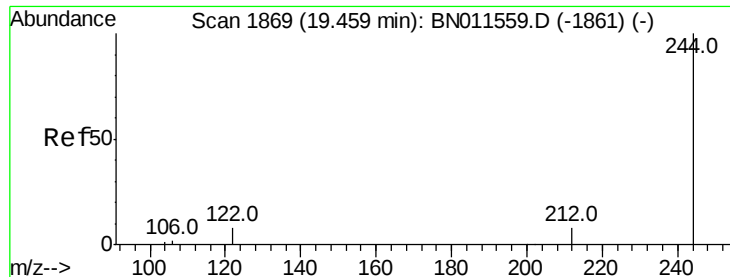


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.370 ng

RT: 19.46 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

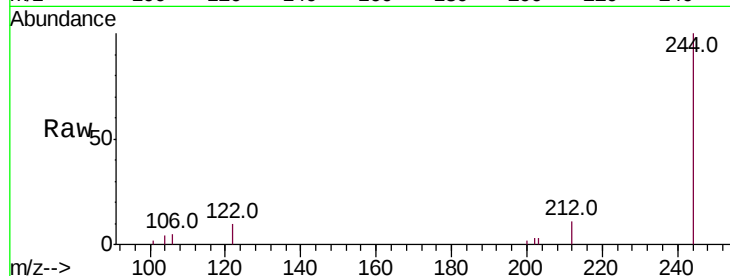
Tot Ion:244 Resp: 4665

Ion Ratio Lower Upper

244 100

212 10.6 8.2 12.4

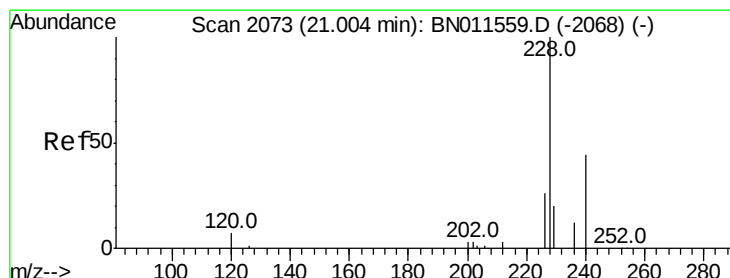
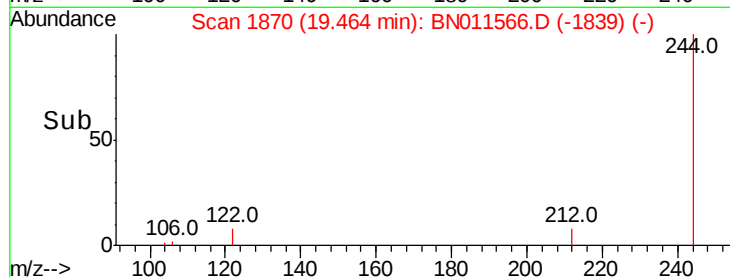
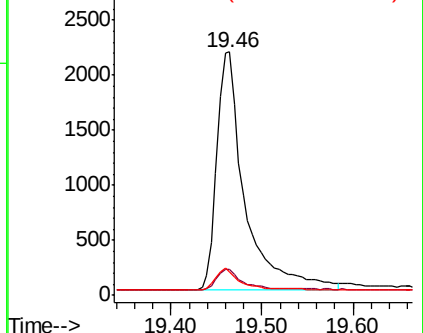
122 9.7 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 0.334 ng

RT: 21.00 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

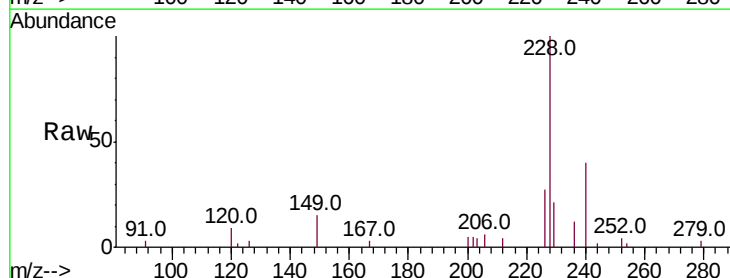
Tgt Ion:228 Resp: 5295

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

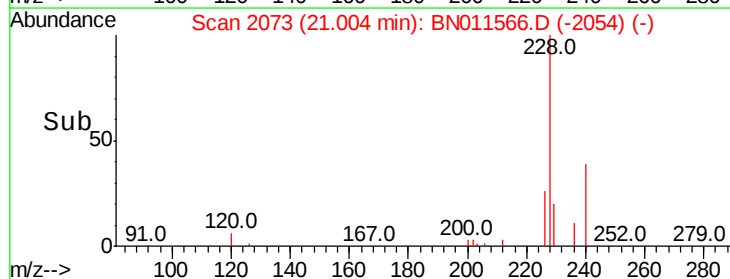
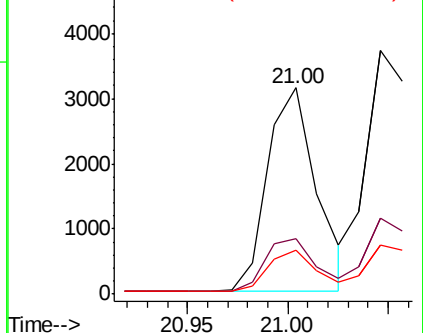
229 21.0 16.9 25.3

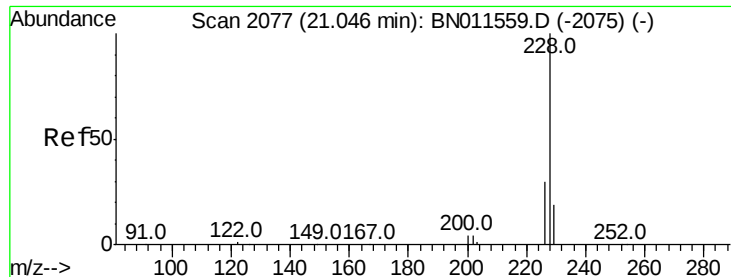


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.381 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

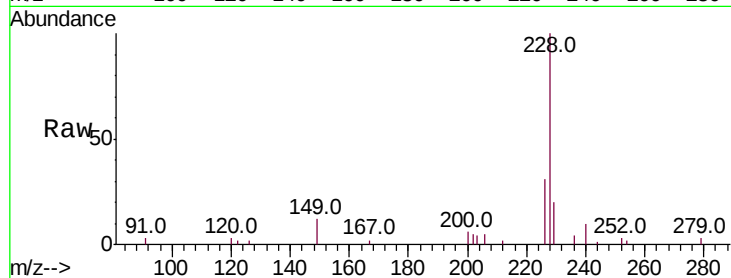
Tot Ion:228 Resp: 6883

Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

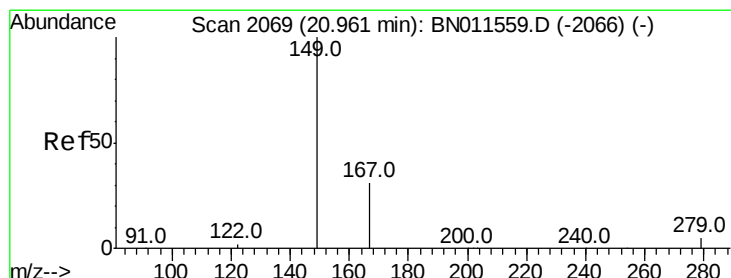
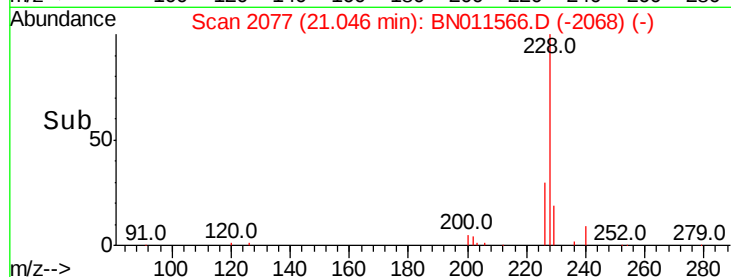
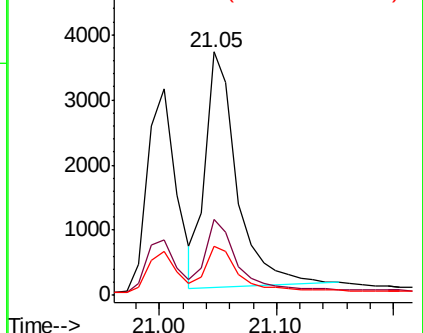
229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

5000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.373 ng

RT: 20.96 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

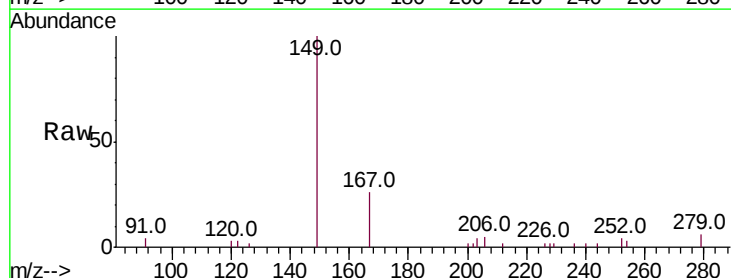
Tgt Ion:149 Resp: 2686

Ion Ratio Lower Upper

149 100

167 28.7 22.8 34.2

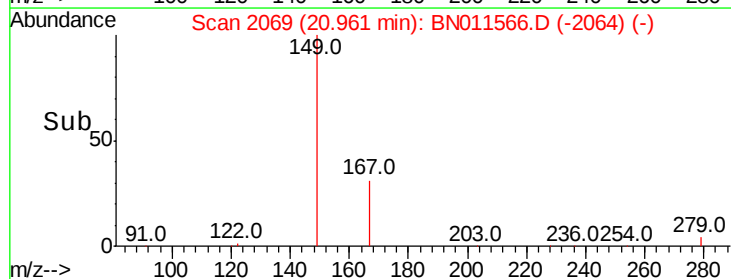
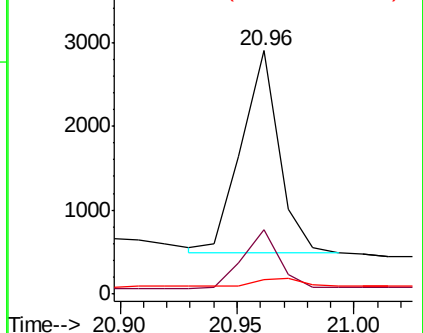
279 4.6 4.2 6.2

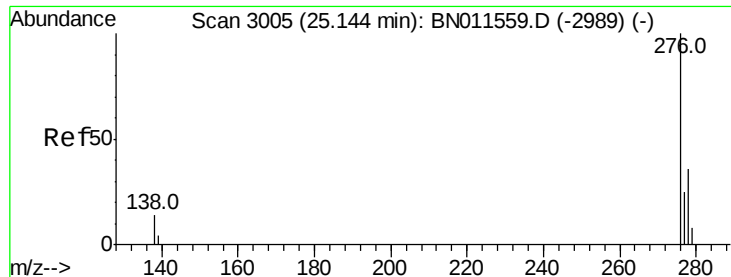


Abundance Ion 149.00 (148.70 to 149.70): E

4000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

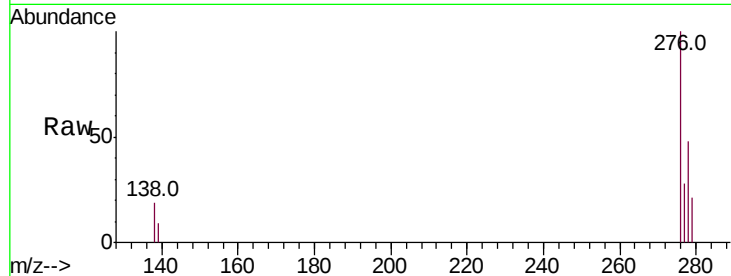




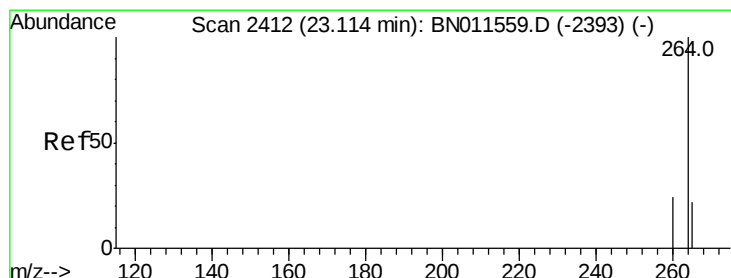
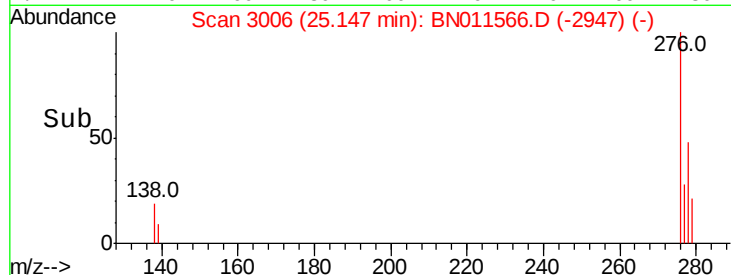
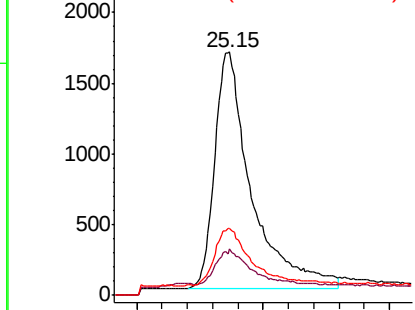
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.411 ng
 RT: 25.15 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: BN011566.D
 Acq: 21 Aug 2020 22:25

Instrument :
 BNA_N
 ClientSampleId :
 PB131149BS

Tot Ion:276 Resp: 6740
 Ion Ratio Lower Upper
 276 100
 138 12.9 11.6 17.4
 277 24.1 18.2 27.4

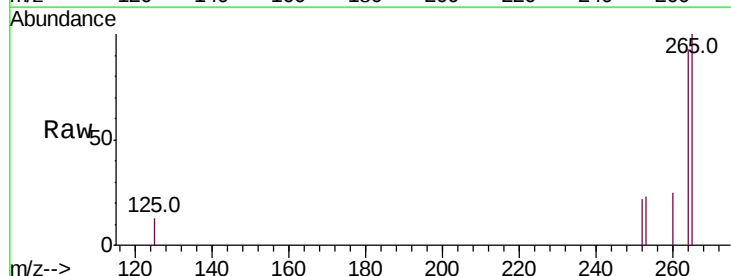


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

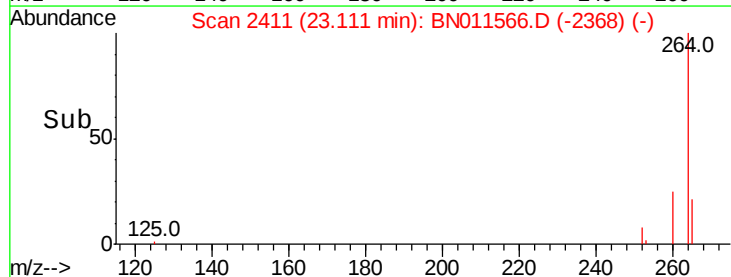
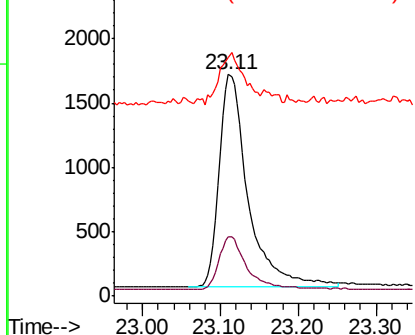


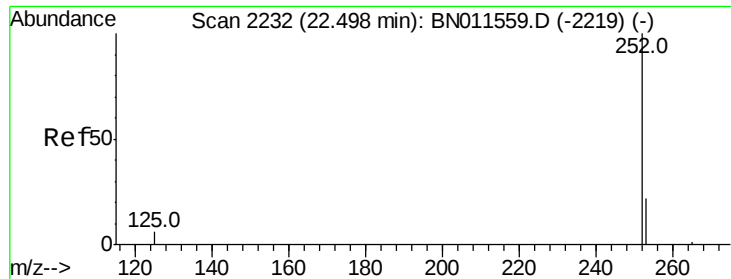
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BN011566.D
 Acq: 21 Aug 2020 22:25

Tgt Ion:264 Resp: 4288
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.3 30.5
 265 107.4 96.1 144.1



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





#37

Benzo(b)fluoranthene

Concen: 0.349 ng

RT: 22.50 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

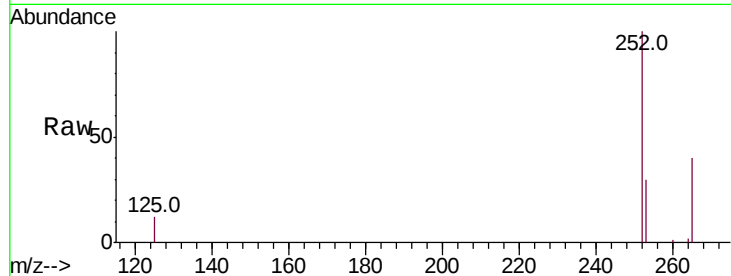
Tot Ion:252 Resp: 5526

Ion Ratio Lower Upper

252 100

253 30.4 25.5 38.3

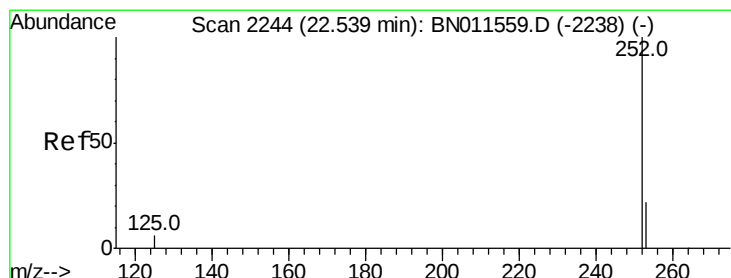
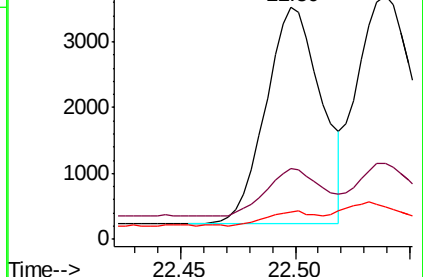
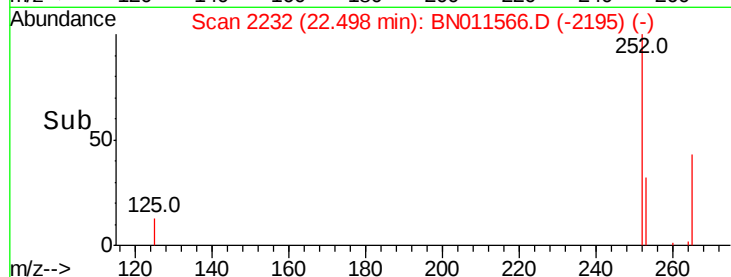
125 11.9 10.2 15.4



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



#38

Benzo(k)fluoranthene

Concen: 0.401 ng

RT: 22.54 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

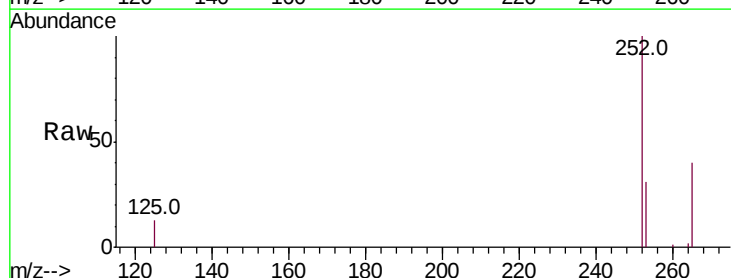
Tgt Ion:252 Resp: 7571

Ion Ratio Lower Upper

252 100

253 31.1 25.8 38.6

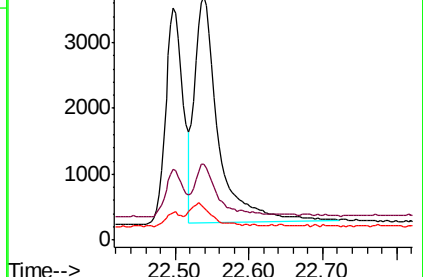
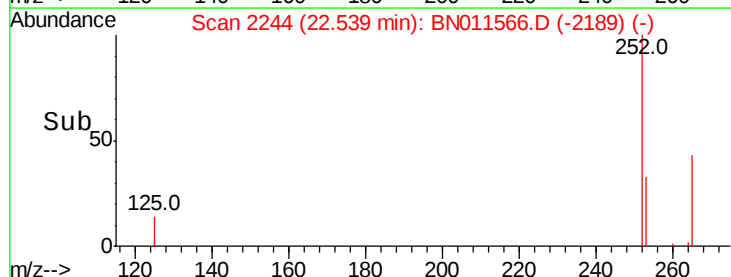
125 13.4 10.8 16.2

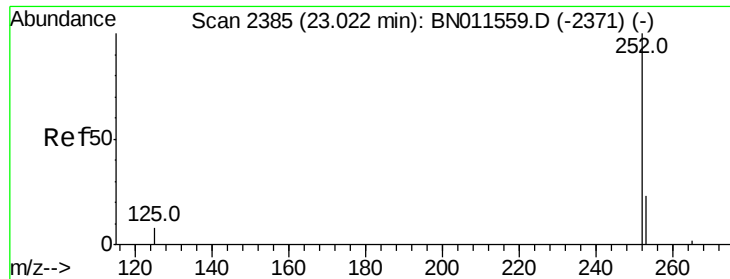


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

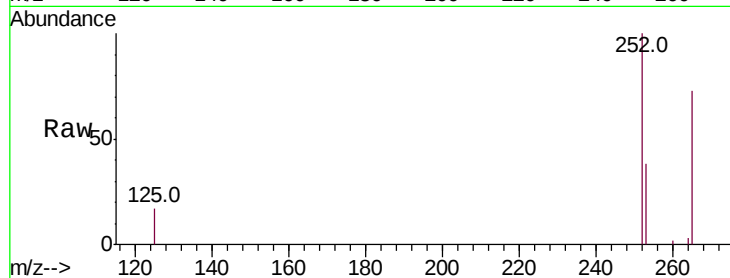
Tot Ion:252 Resp: 5316

Ion Ratio Lower Upper

252 100

253 37.7 31.8 47.8

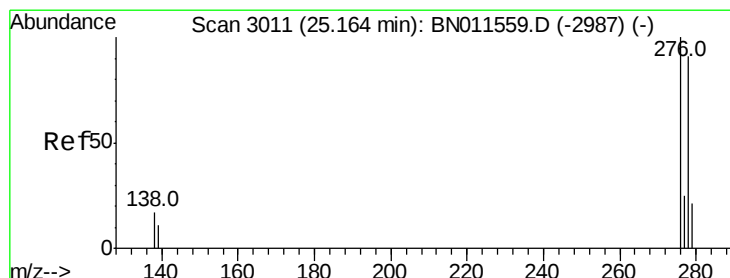
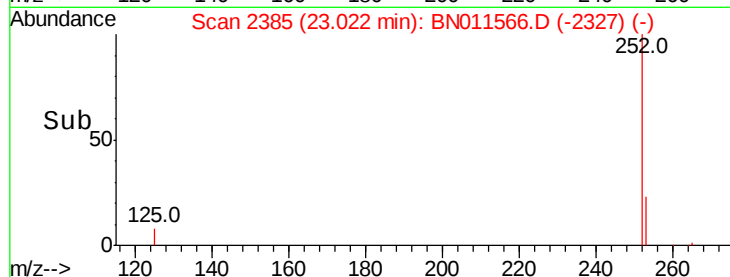
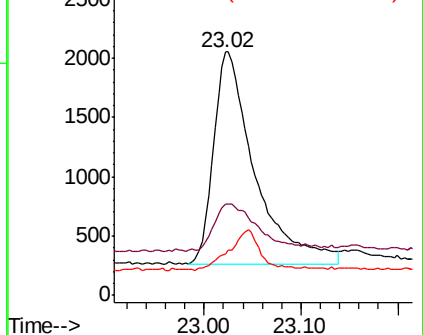
125 17.2 15.4 23.0



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



#40

Dibenzo(a,h)anthracene

Concen: 0.426 ng

RT: 25.16 min Scan# 3011

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

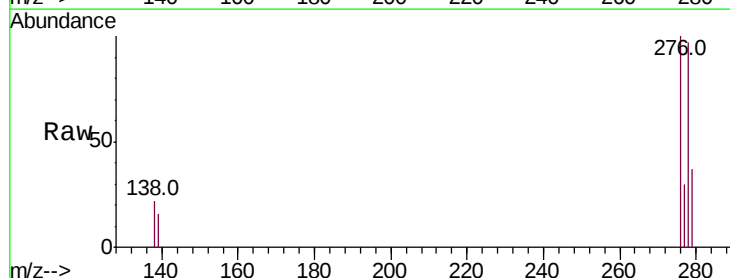
Tgt Ion:278 Resp: 5223

Ion Ratio Lower Upper

278 100

139 16.8 14.0 21.0

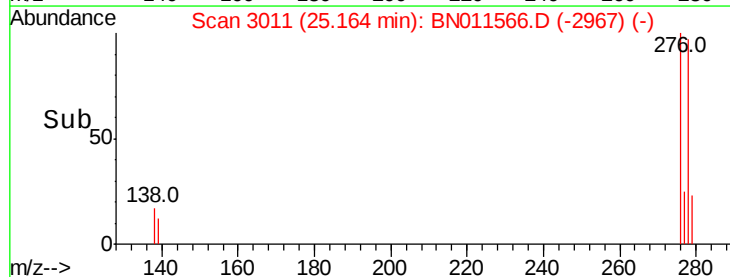
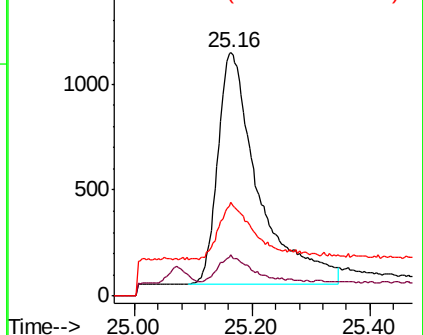
279 38.4 32.4 48.6

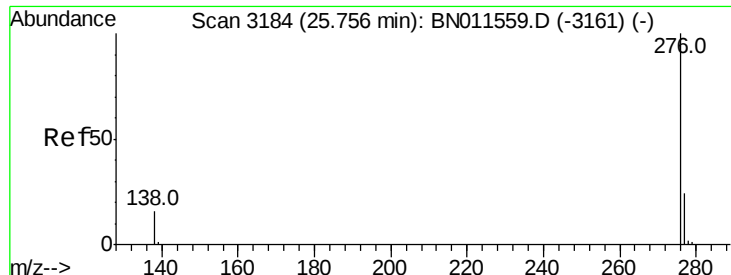


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.421 ng

RT: 25.76 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN011566.D

Acq: 21 Aug 2020 22:25

Instrument :

BNA_N

ClientSampleId :

PB131149BS

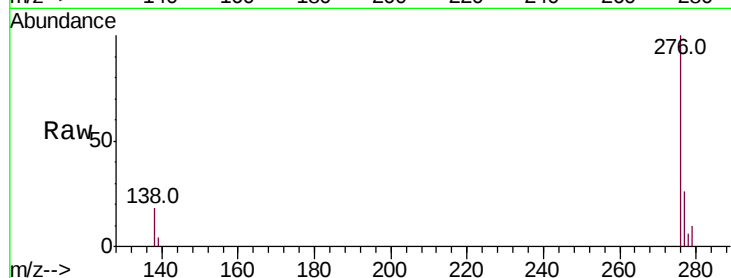
Tot Ion:276 Resp: 6154

Ion Ratio Lower Upper

276 100

277 26.5 22.1 33.1

138 17.9 15.4 23.2



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

