

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072220\
 Data File : BN011219.D
 Acq On : 21 Jul 2020 14:43
 Operator : CG/JU
 Sample : PB130052BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BS

Quant Time: Jul 21 15:17:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 21 14:35:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1391	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4927	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3035	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7034	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5386	0.40	ng	0.00
36) Perylene-d12	23.23	264	4759	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1226	0.36	ng	0.00
5) Phenol-d6	6.69	99	1524	0.39	ng	0.00
8) Nitrobenzene-d5	8.63	82	1598	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.84	152	3308	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	502	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5043	0.35	ng	0.00
27) Fluoranthene-d10	18.92	212	8118	0.37	ng	0.00
31) Terphenyl-d14	19.54	244	6404	0.46	ng	0.00

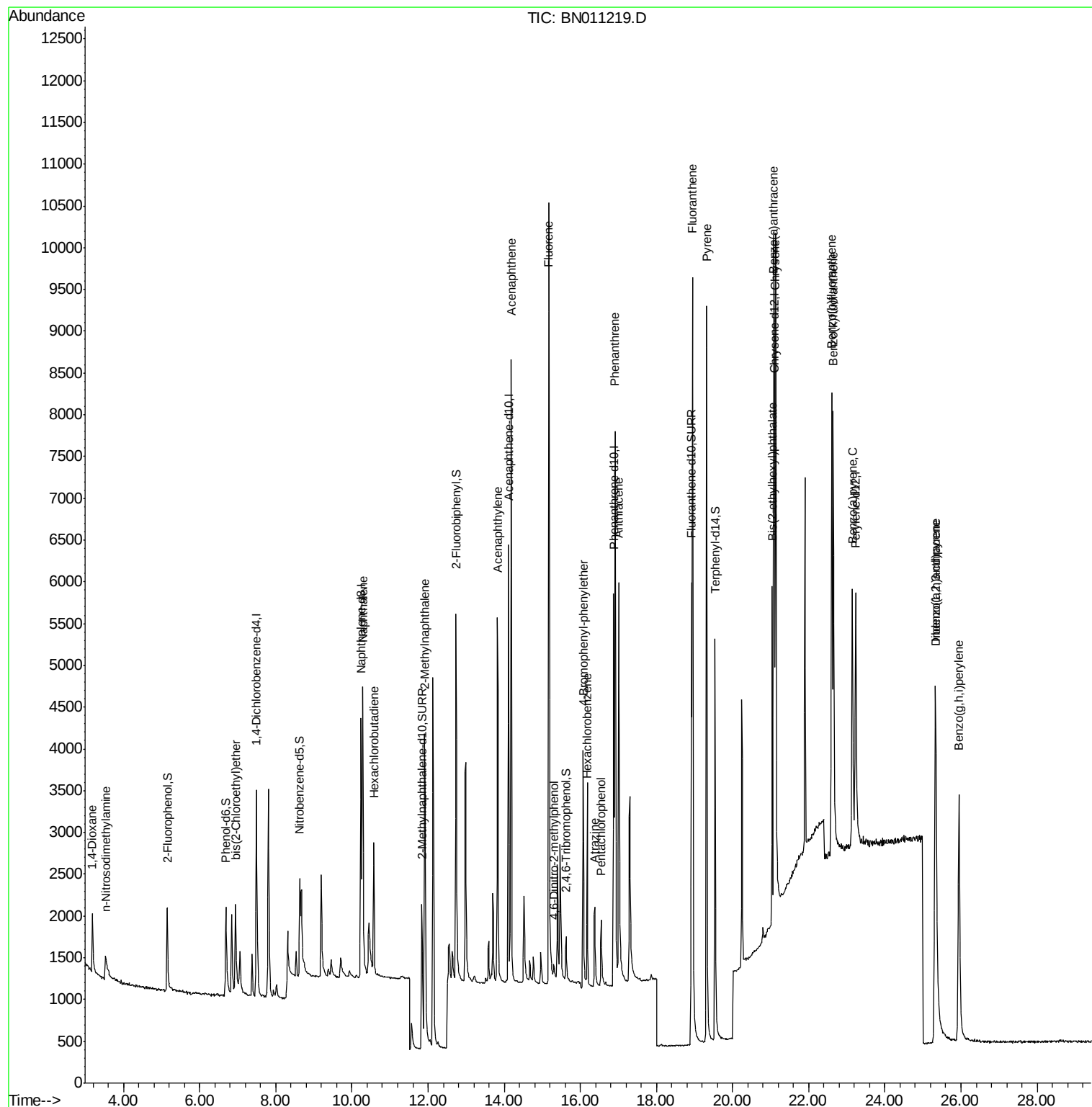
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	704	0.354	ng	95
3) n-Nitrosodimethylamine	3.53	42	374	0.374	ng	# 91
6) bis(2-Chloroethyl)ether	6.94	93	1249	0.352	ng	97
9) Naphthalene	10.29	128	5567	0.380	ng	100
10) Hexachlorobutadiene	10.58	225	1352	0.372	ng	# 98
12) 2-Methylnaphthalene	11.91	142	3779	0.410	ng	99
16) Acenaphthylene	13.82	152	5635	0.365	ng	99
17) Acenaphthene	14.18	154	3820	0.371	ng	98
18) Fluorene	15.17	166	5109	0.387	ng	98
20) 4,6-Dinitro-2-methylphenol	15.30	198	297	0.359	ng	95
21) 4-Bromophenyl-phenylether	16.08	248	1690	0.353	ng	99
22) Hexachlorobenzene	16.19	284	1889	0.340	ng	98
23) Atrazine	16.37	200	1260	0.376	ng	99
24) Pentachlorophenol	16.54	266	567	0.343	ng	95
25) Phenanthrene	16.91	178	8374	0.371	ng	99
26) Anthracene	17.00	178	6672	0.355	ng	99
28) Fluoranthene	18.95	202	9819	0.362	ng	100
30) Pvrene	19.32	202	9595	0.467	ng	99
32) Benzo(a)anthracene	21.08	228	6831	0.392	ng	98
33) Chrysene	21.13	228	8217	0.385	ng	100
34) Bis(2-ethylhexyl)phthalate	21.04	149	3404	0.474	ng	97
35) Indeno(1,2,3-cd)pyrene	25.32	276	7470	0.327	ng	99
37) Benzo(b)fluoranthene	22.60	252	7263	0.380	ng	99
38) Benzo(k)fluoranthene	22.65	252	8239	0.381	ng	97
39) Benzo(a)pyrene	23.15	252	5956	0.346	ng	97
40) Dibenzo(a,h)anthracene	25.34	278	5861	0.321	ng	95
41) Benzo(g,h,i)perylene	25.94	276	6936	0.346	ng	98

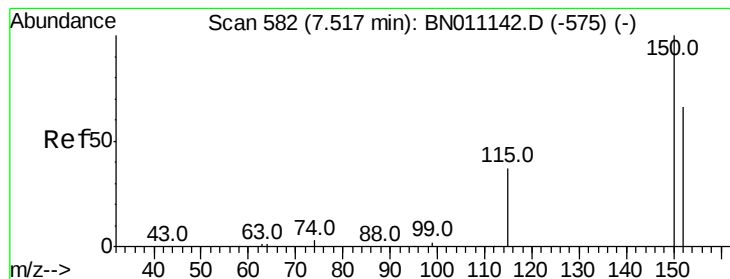
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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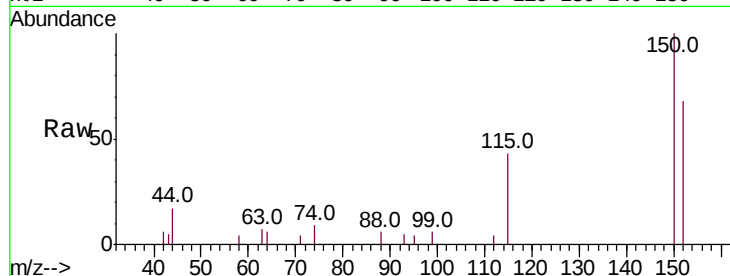


#1

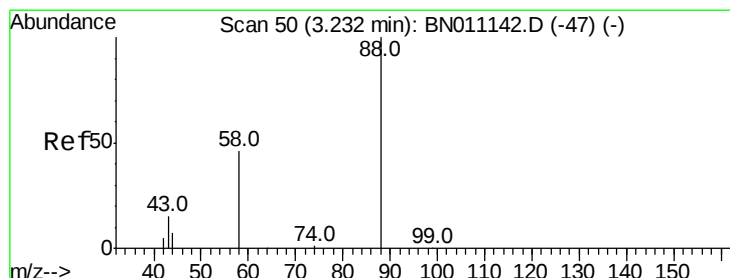
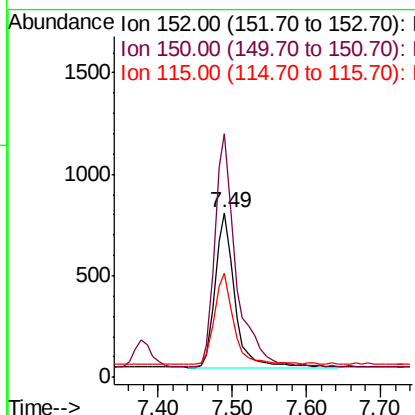
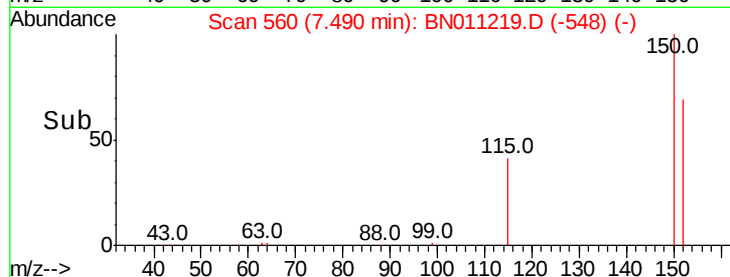
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tot Ion:152 Resp: 1391
Ion Ratio Lower Upper
152 100
150 147.8 119.4 179.0
115 63.4 48.3 72.5



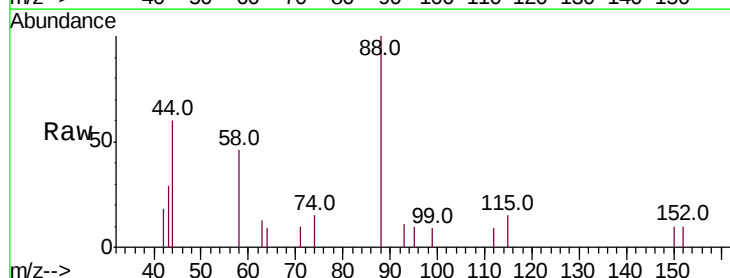
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



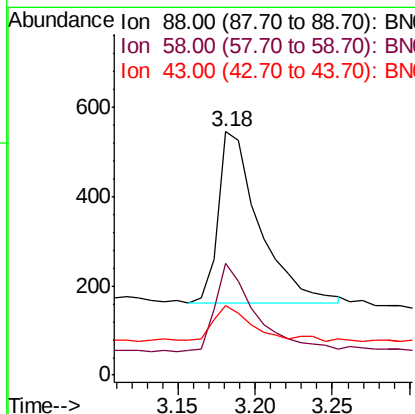
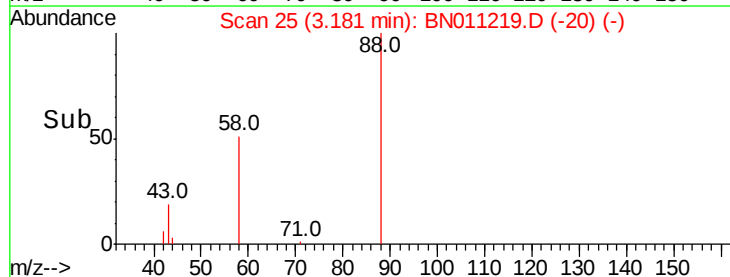
#2

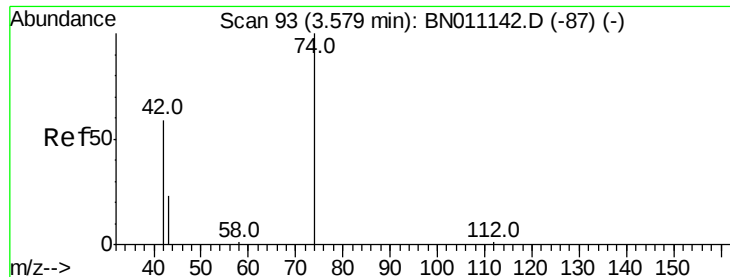
1,4-Dioxane
Concen: 0.354 ng
RT: 3.18 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Tgt Ion: 88 Resp: 704
Ion Ratio Lower Upper
88 100
58 49.3 36.5 54.7
43 19.9 14.3 21.5



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: 0.374 ng

RT: 3.53 min Scan# 68

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

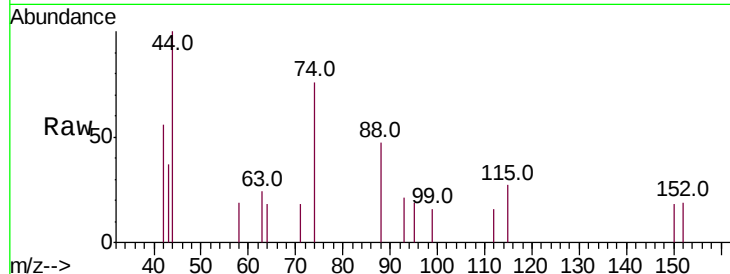
Tot Ion: 42 Resp: 374

Ion Ratio Lower Upper

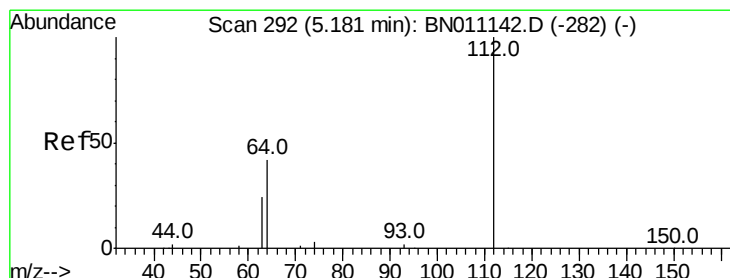
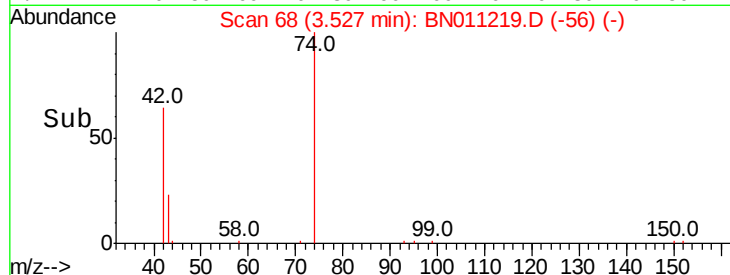
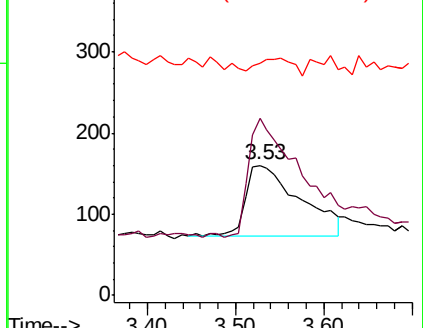
42 100

74 164.4 140.9 211.3

44 0.0 7.6 11.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.357 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

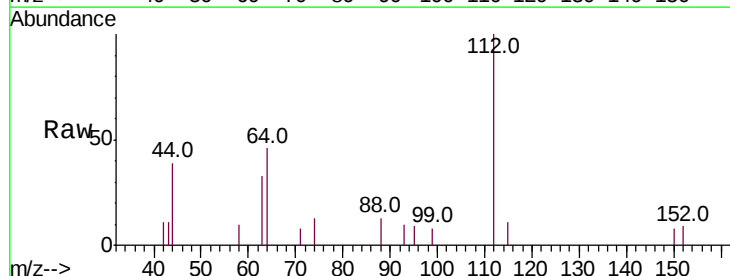
Tgt Ion: 112 Resp: 1226

Ion Ratio Lower Upper

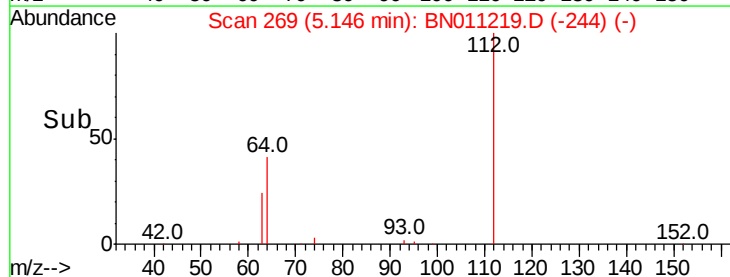
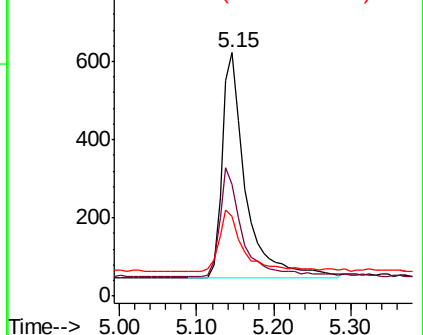
112 100

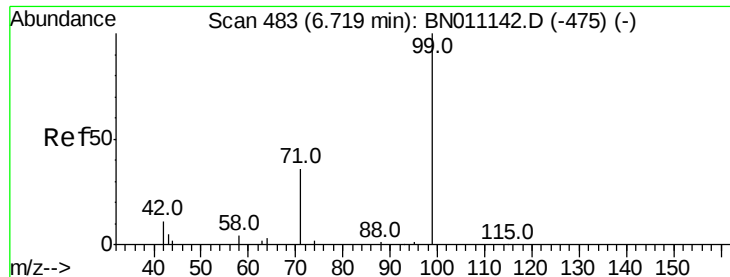
64 48.0 36.7 55.1

63 28.6 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

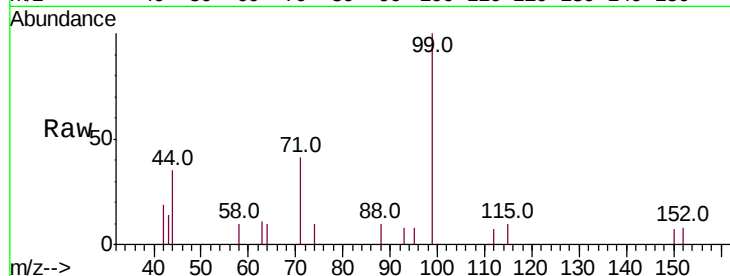
Tot Ion: 99 Resp: 1524

Ion Ratio Lower Upper

99 100

42 13.9 10.8 16.2

71 37.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

6.69

600

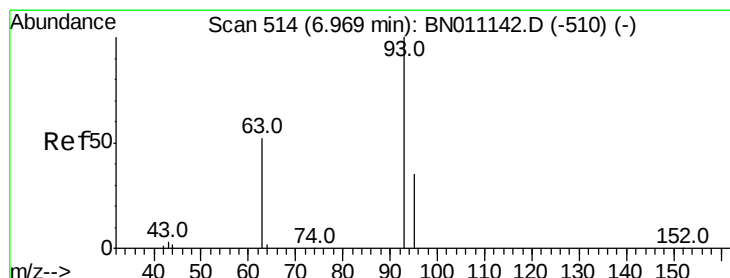
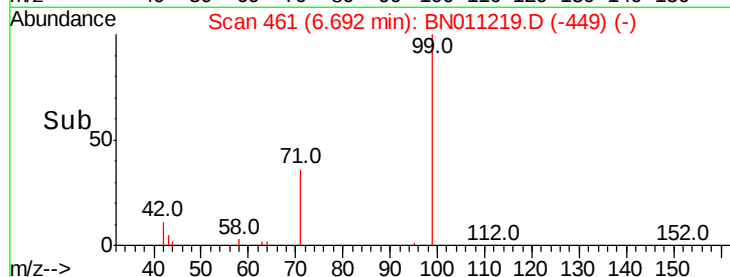
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.352 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

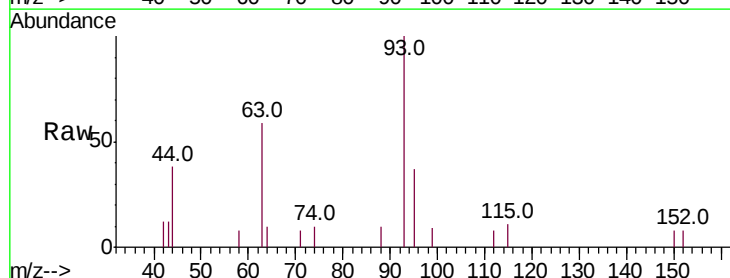
Tgt Ion: 93 Resp: 1249

Ion Ratio Lower Upper

93 100

63 61.3 47.4 71.0

95 36.3 28.1 42.1



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

6.94

1000

800

600

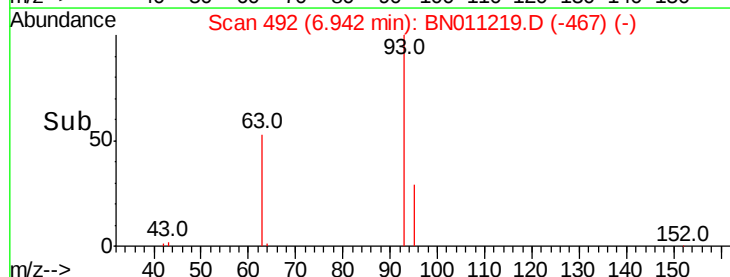
400

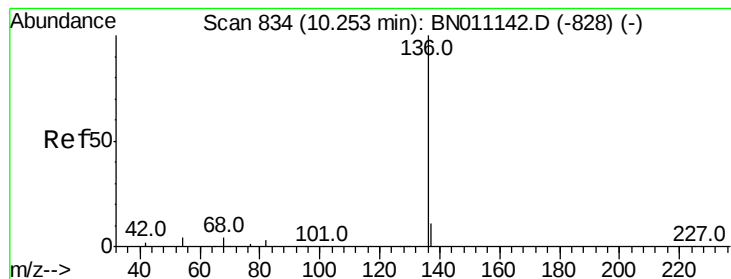
200

0

6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

Tot Ion:136 Resp: 4927

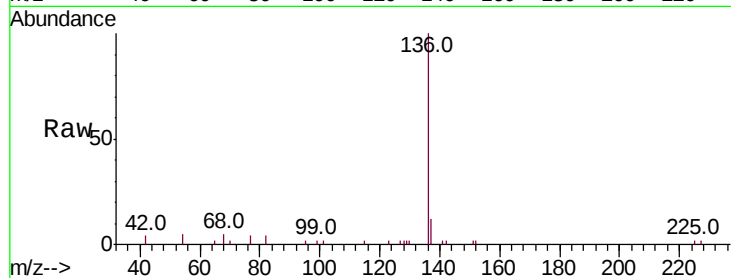
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 5.0 4.9 7.3

68 5.3 4.9 7.3

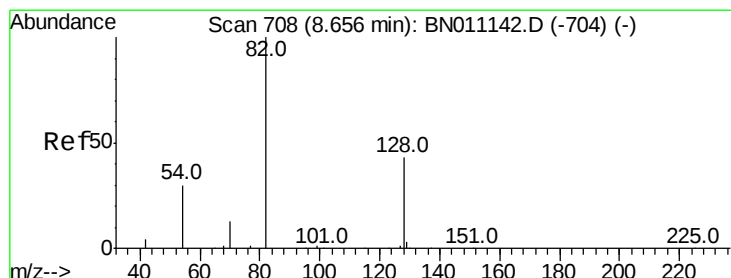
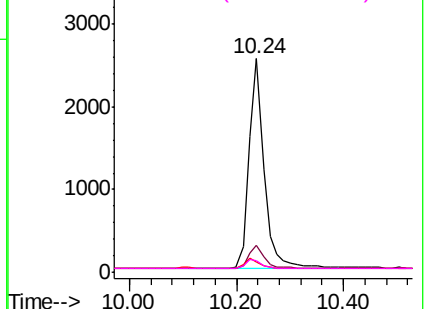
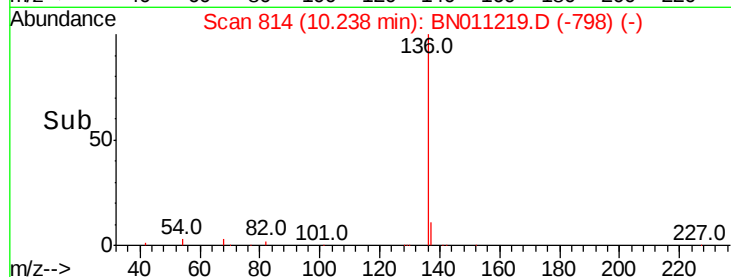


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

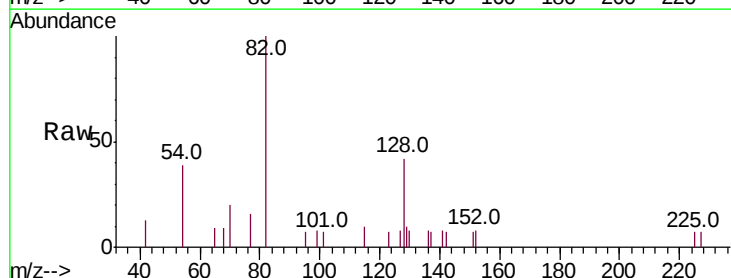
Tgt Ion: 82 Resp: 1598

Ion Ratio Lower Upper

82 100

128 41.9 38.1 57.1

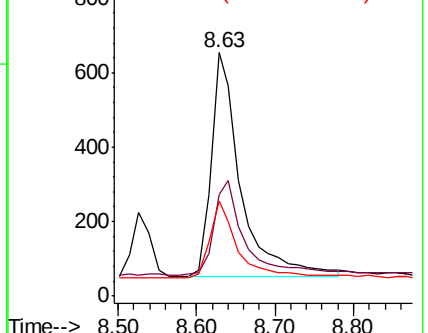
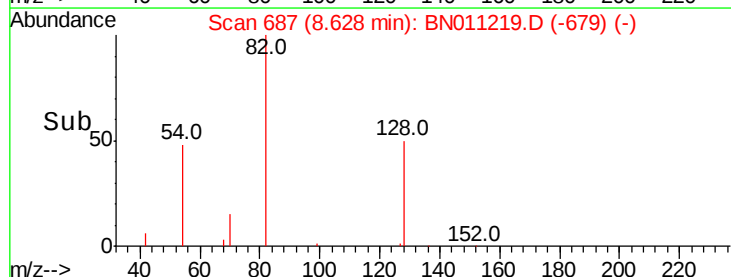
54 39.1 27.1 40.7

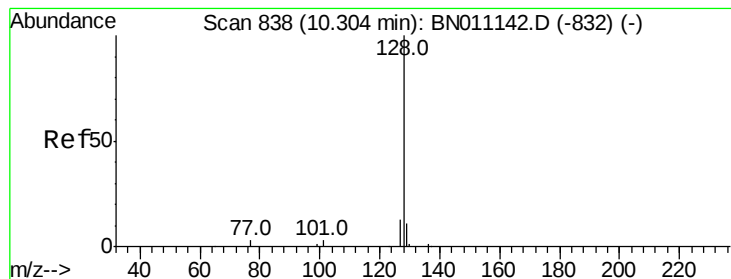


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.380 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

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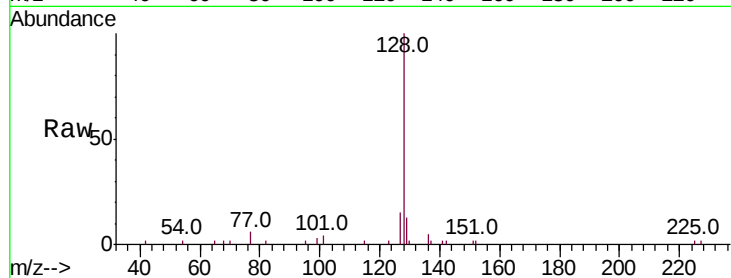
Tot Ion:128 Resp: 5567

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.6

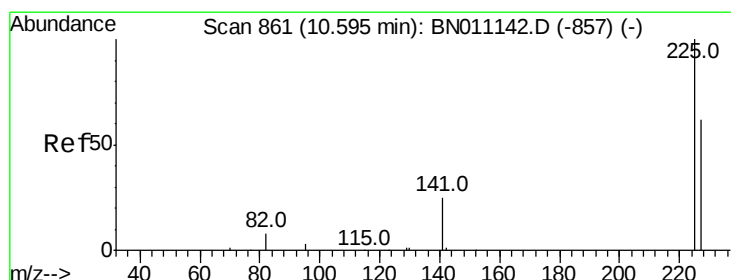
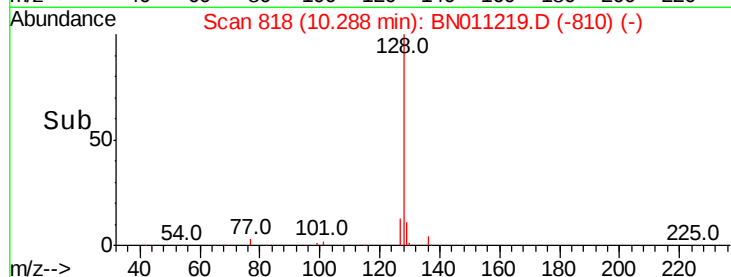
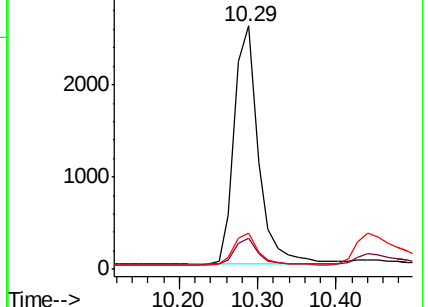
127 14.6 11.8 17.6



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



#10

Hexachlorobutadiene

Concen: 0.372 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

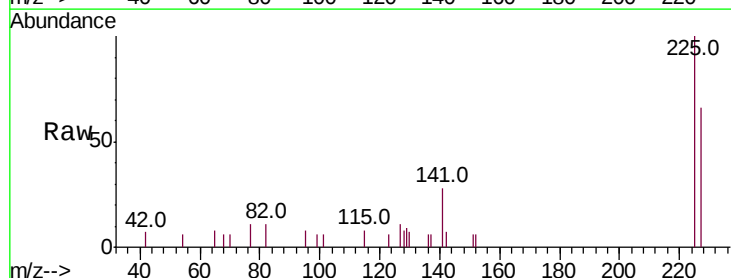
Tgt Ion:225 Resp: 1352

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

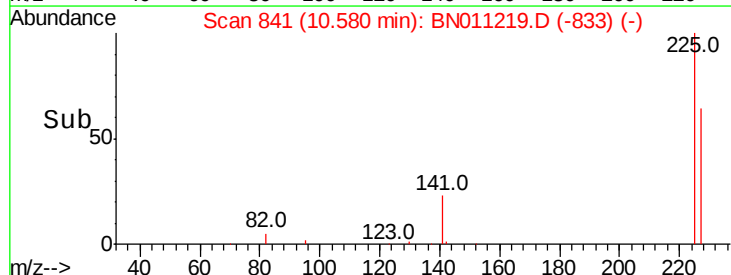
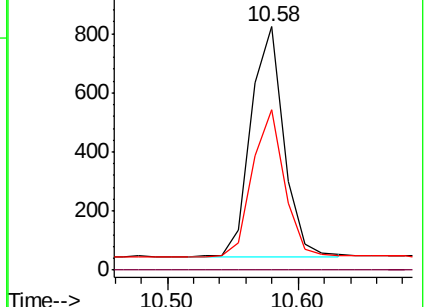
227 62.4 51.2 76.8

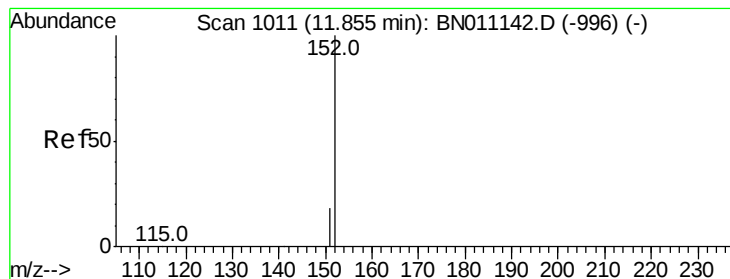


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

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ClientSampleId :

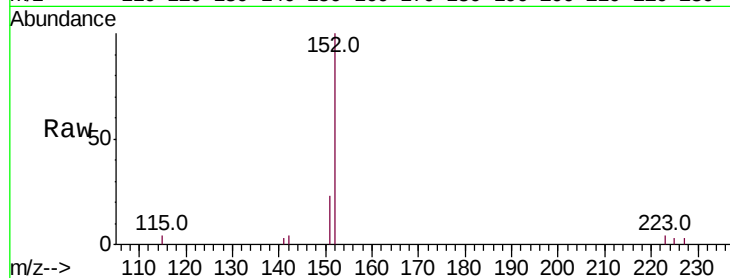
PB130052BS

Tot Ion:152 Resp: 3308

Ion Ratio Lower Upper

152 100

151 21.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

1500

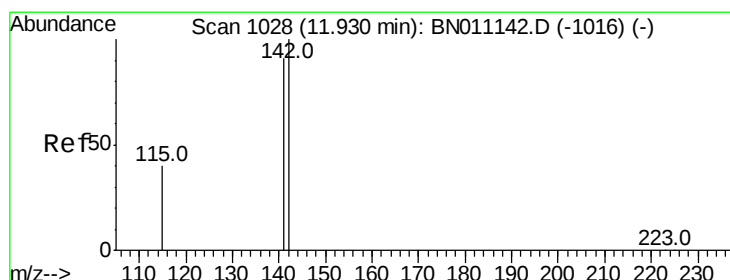
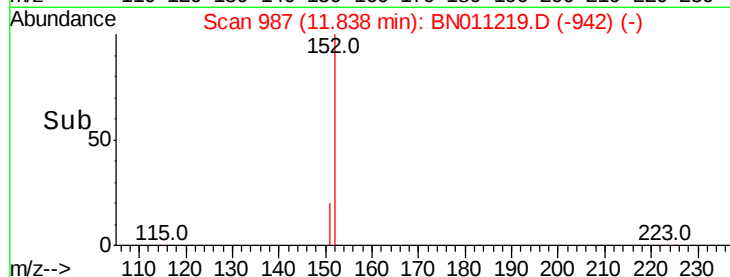
1000

500

0

Time-->

11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 11.91 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

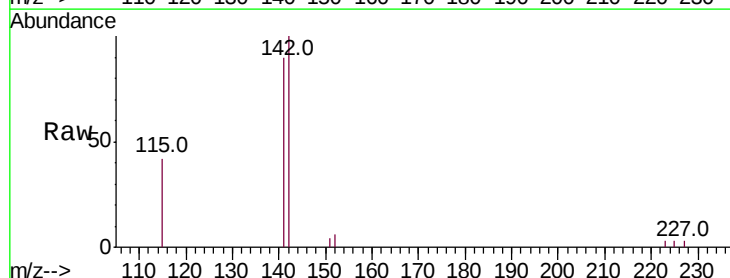
Tgt Ion:142 Resp: 3779

Ion Ratio Lower Upper

142 100

141 90.3 72.7 109.1

115 41.7 33.8 50.6



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

2500

2000

1500

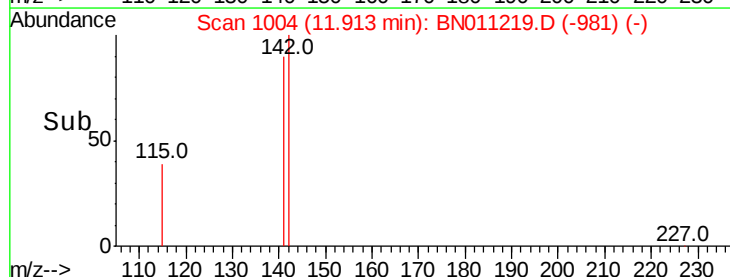
1000

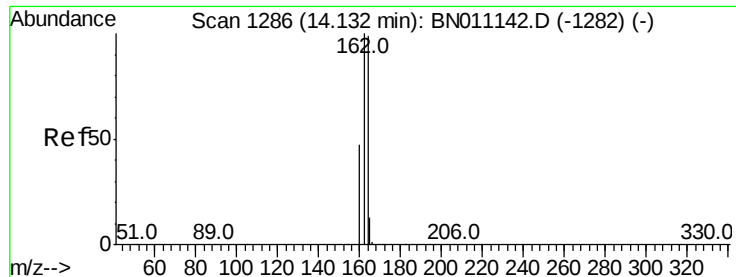
500

0

Time-->

11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

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PB130052BS

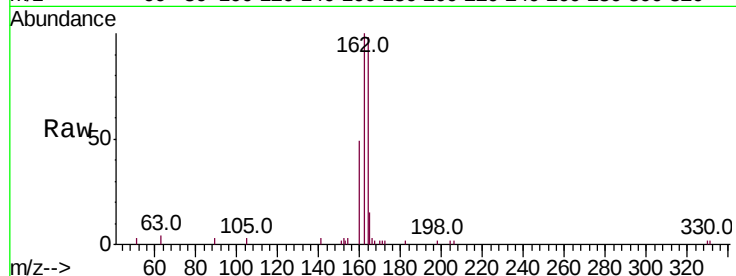
Tot Ion:164 Resp: 3035

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

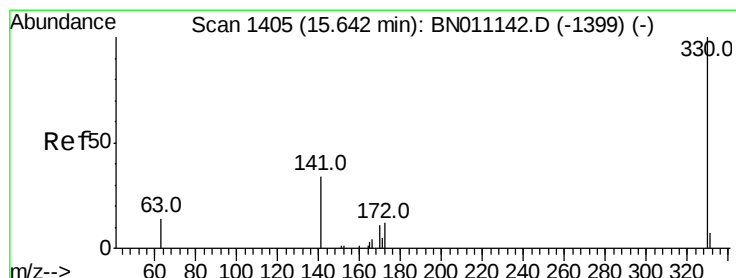
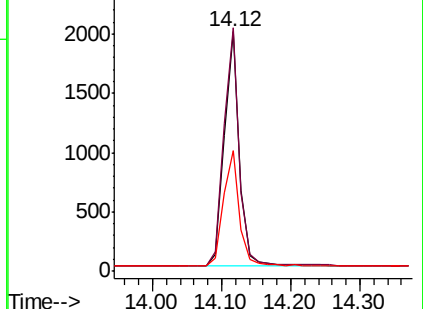
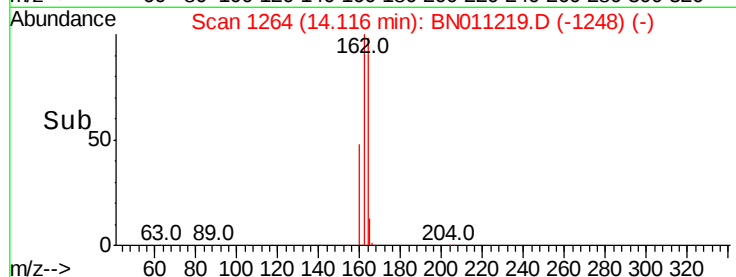
160 50.1 39.0 58.6



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: 0.373 ng

RT: 15.63 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

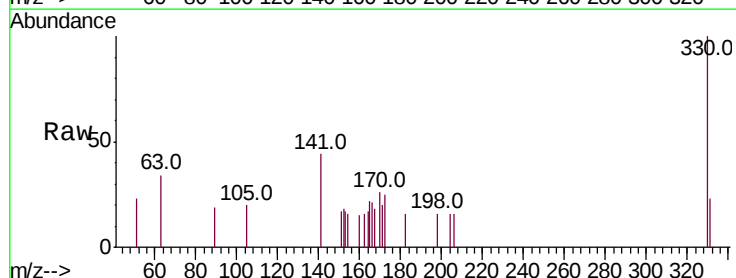
Tgt Ion:330 Resp: 502

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

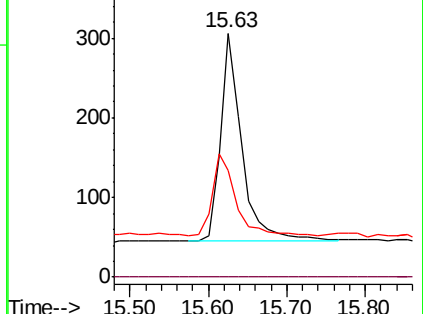
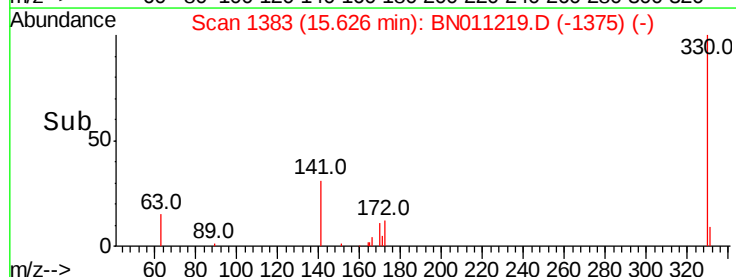
141 42.6 31.5 47.3

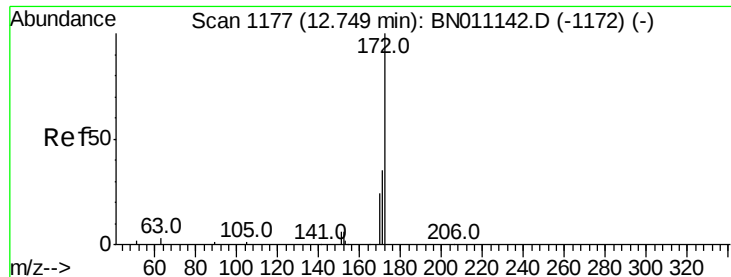


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

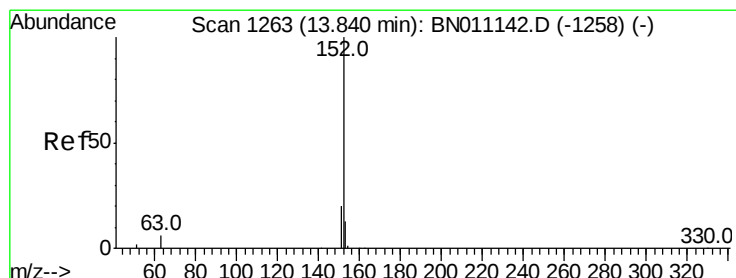
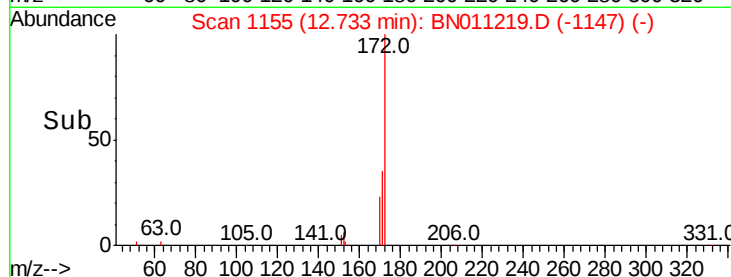
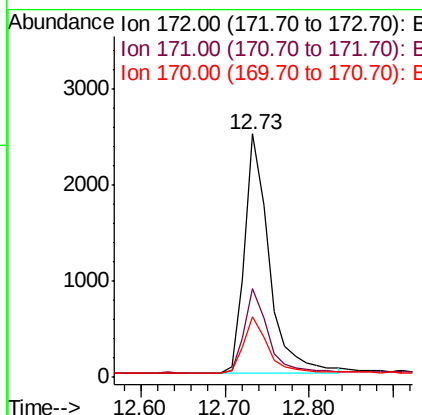
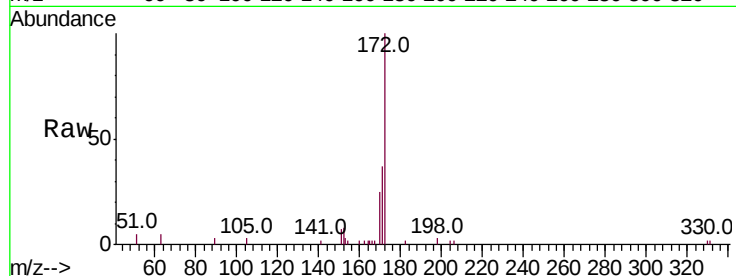




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

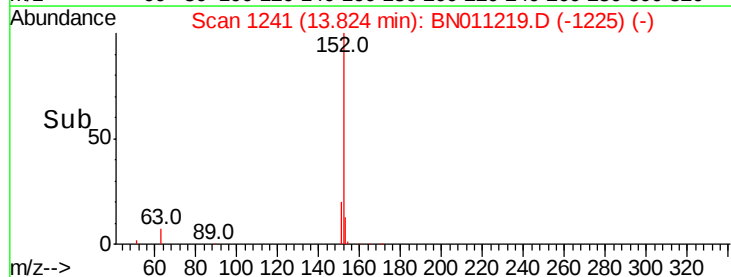
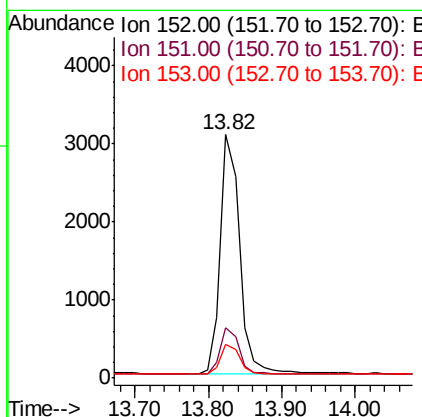
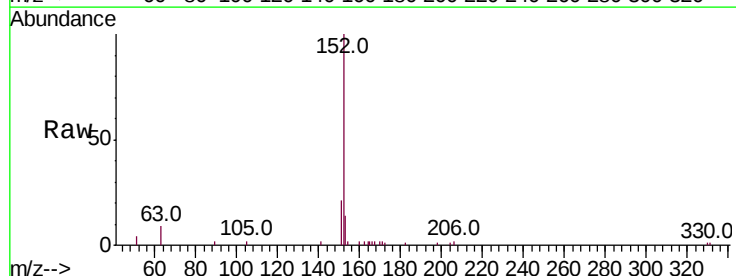
Instrument :
BNA_N
ClientSampleId :
PB130052BS

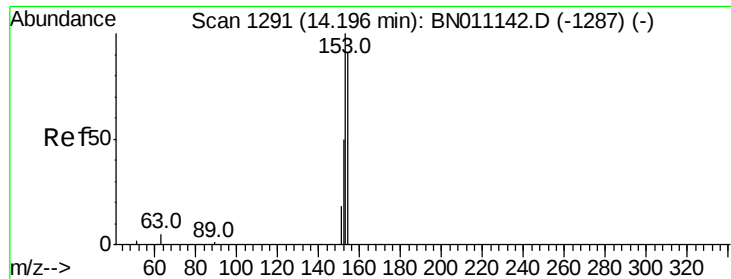
Tot Ion:172 Resp: 5043
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.8 20.3 30.5



#16
Acenaphthylene
Concen: 0.365 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Tgt Ion:152 Resp: 5635
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.371 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

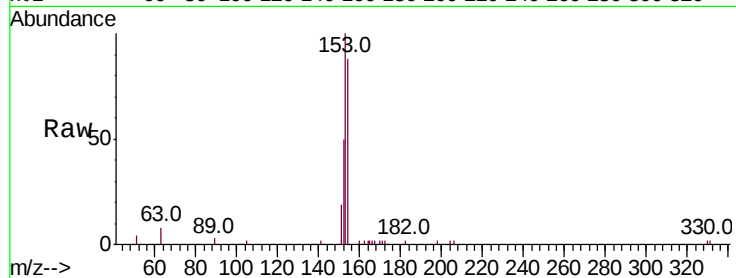
Tot Ion:154 Resp: 3820

Ion Ratio Lower Upper

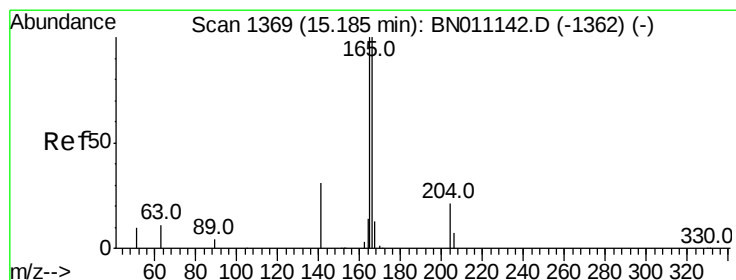
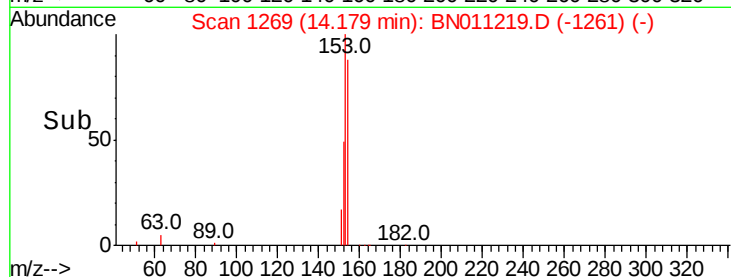
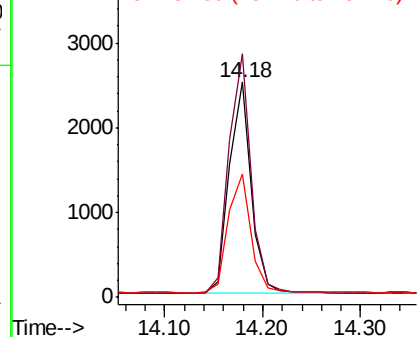
154 100

153 115.9 91.3 136.9

152 59.7 46.6 69.8



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: 0.387 ng

RT: 15.17 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

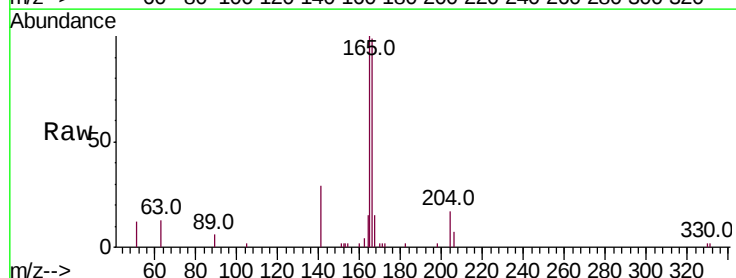
Tgt Ion:166 Resp: 5109

Ion Ratio Lower Upper

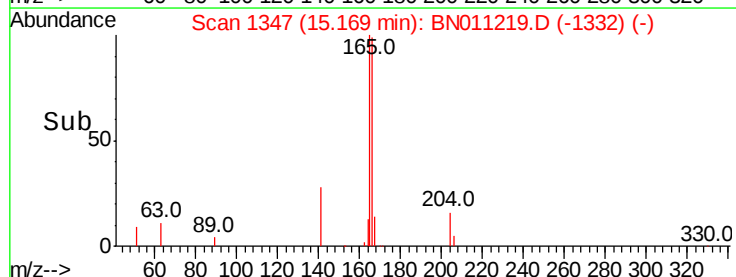
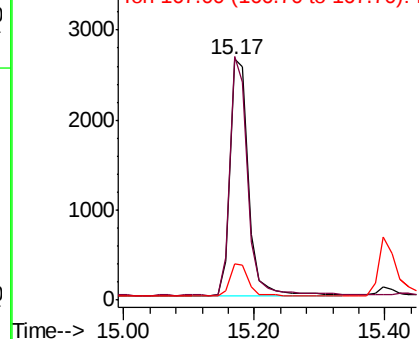
166 100

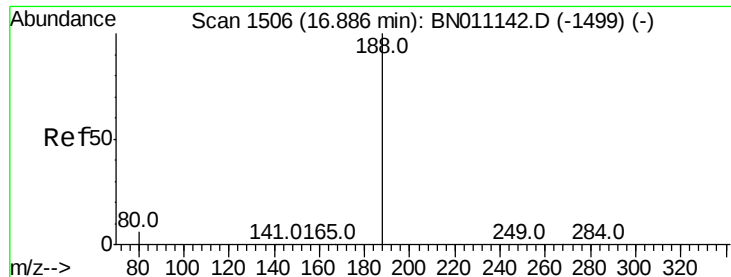
165 97.4 79.1 118.7

167 13.7 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

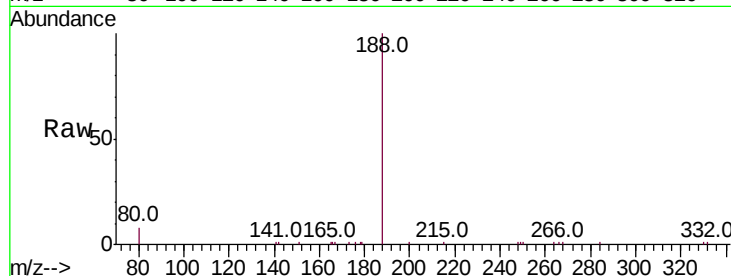
Tot Ion:188 Resp: 7034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

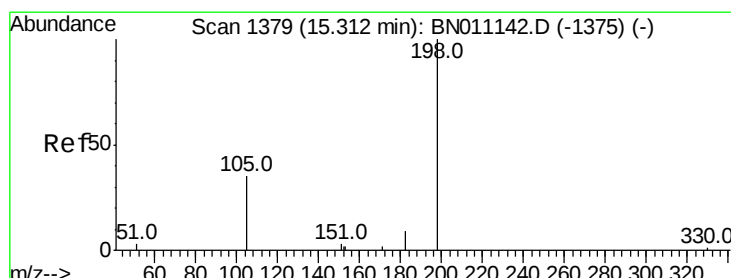
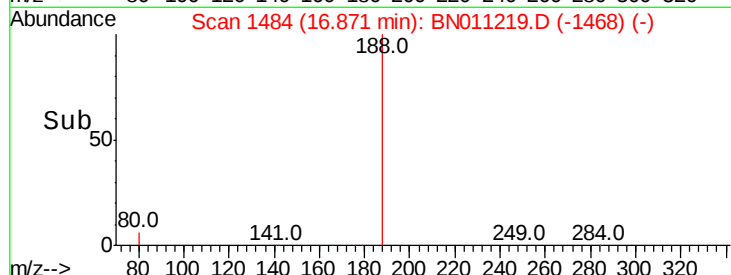
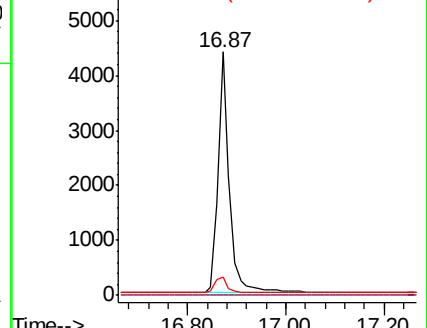
80 7.5 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.359 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

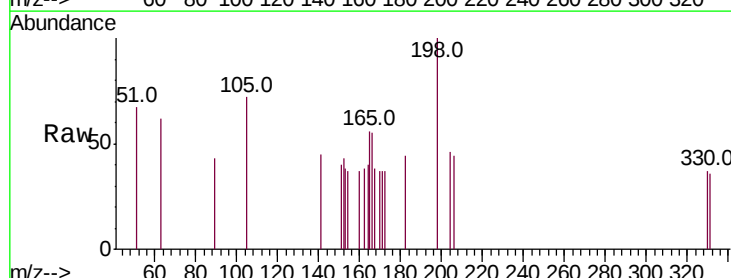
Tgt Ion:198 Resp: 297

Ion Ratio Lower Upper

198 100

51 67.5 53.1 79.7

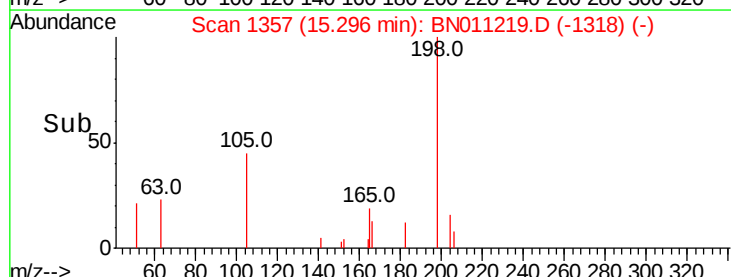
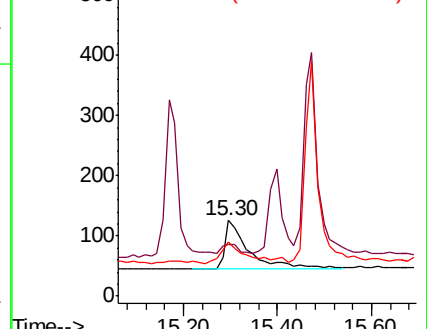
105 72.2 51.9 77.9

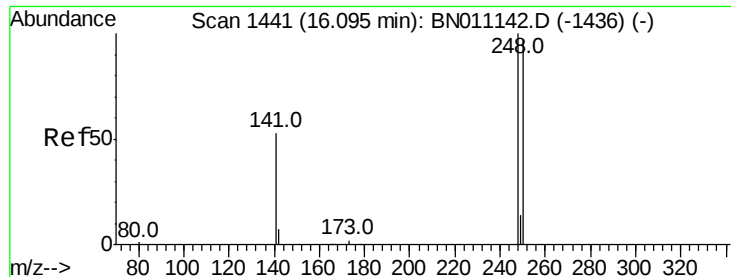


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

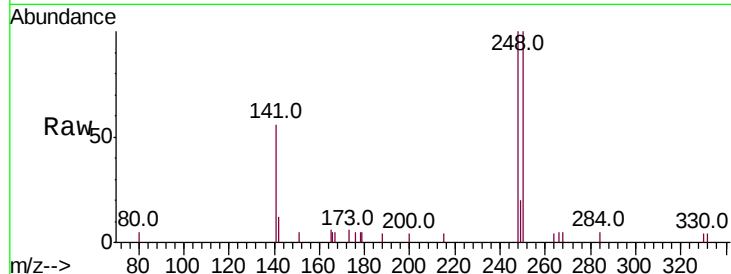




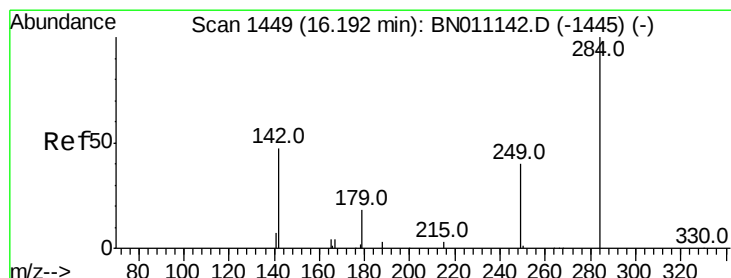
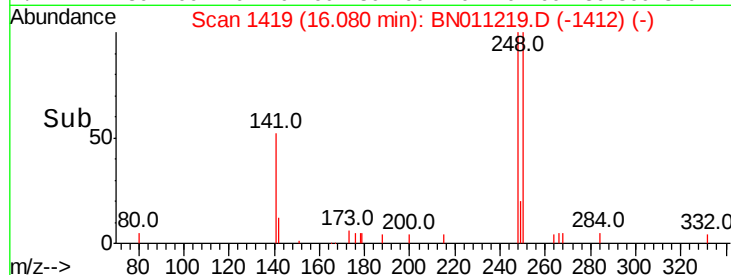
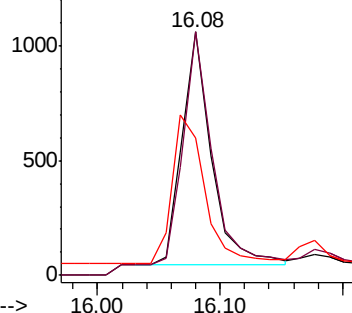
#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tot Ion:248 Resp: 1690
Ion Ratio Lower Upper
248 100
250 99.9 78.4 117.6
141 56.5 45.1 67.7

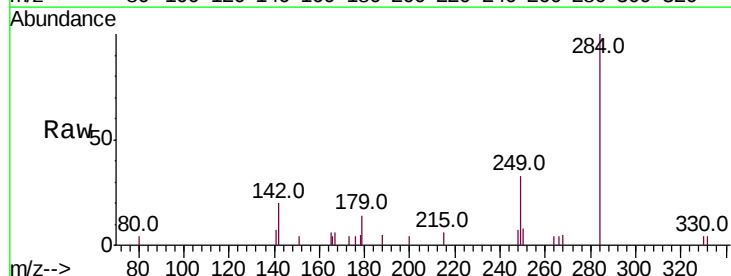


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

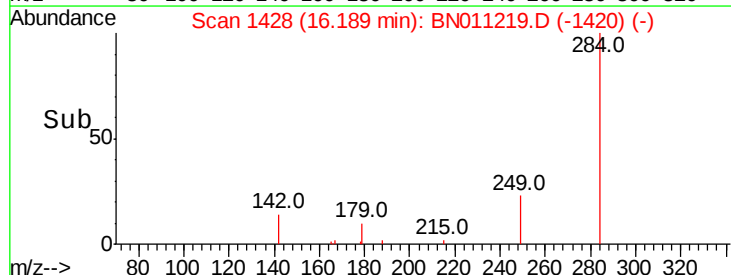
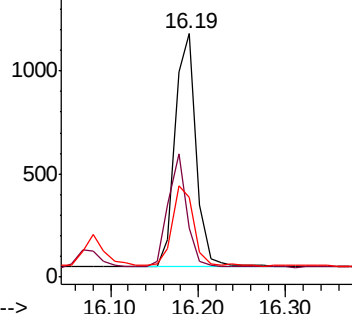


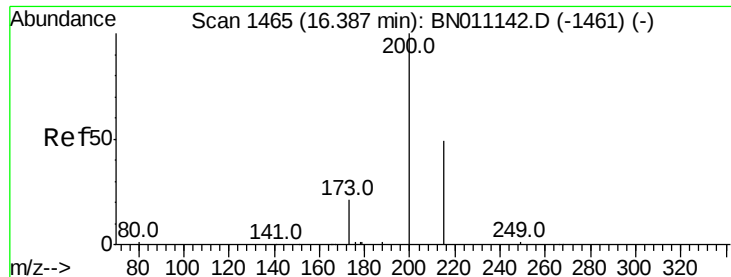
#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Tgt Ion:284 Resp: 1889
Ion Ratio Lower Upper
284 100
142 43.0 32.6 48.8
249 35.2 28.4 42.6



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: 0.376 ng

RT: 16.37 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

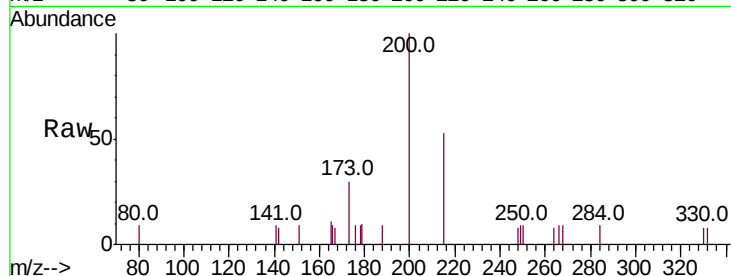
Tot Ion:200 Resp: 1260

Ion Ratio Lower Upper

200 100

173 30.0 23.0 34.4

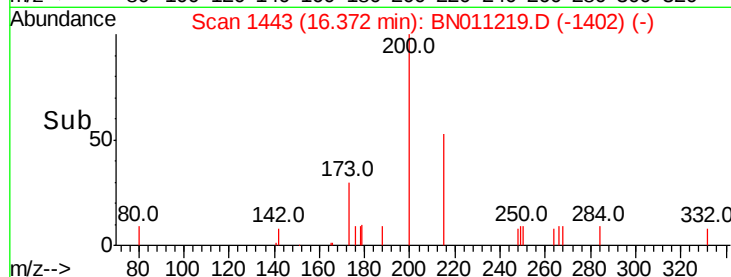
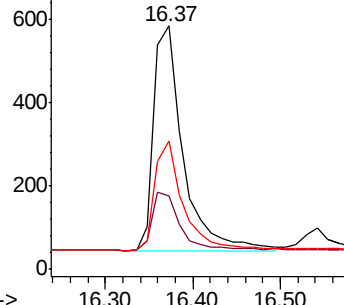
215 52.7 42.6 63.8



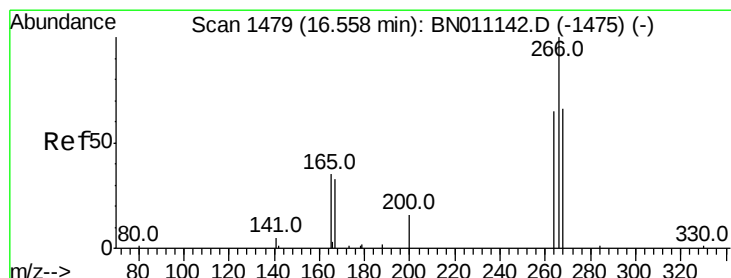
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#24

Pentachlorophenol

Concen: 0.343 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

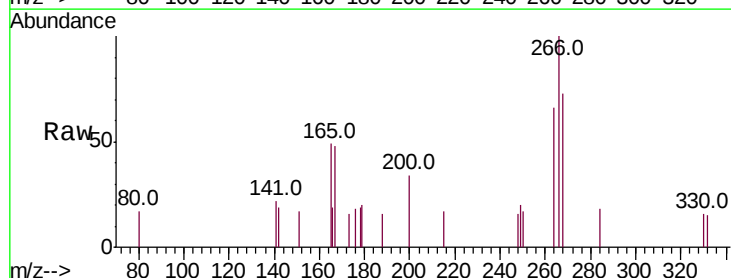
Tgt Ion:266 Resp: 567

Ion Ratio Lower Upper

266 100

264 62.6 52.5 78.7

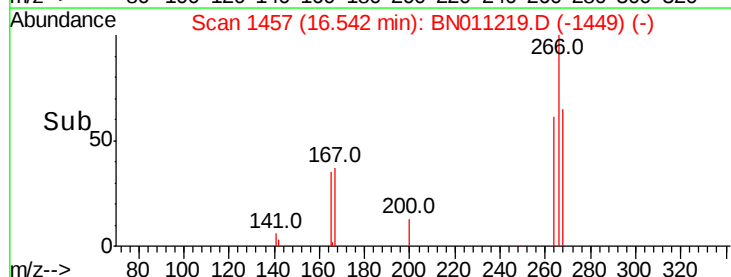
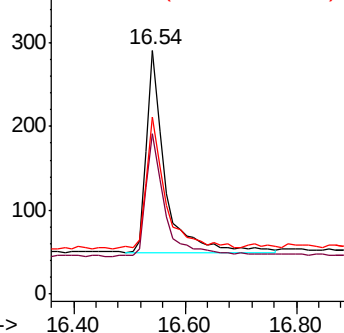
268 65.4 48.9 73.3



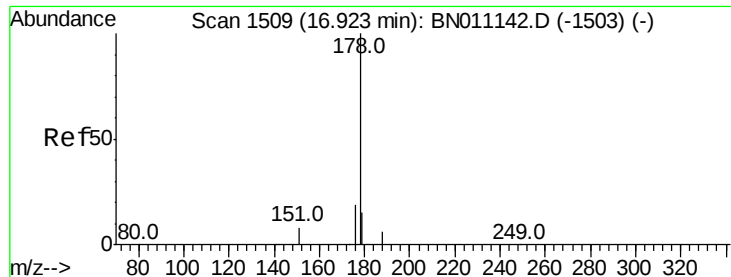
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Phenanthrene

Concen: 0.371 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

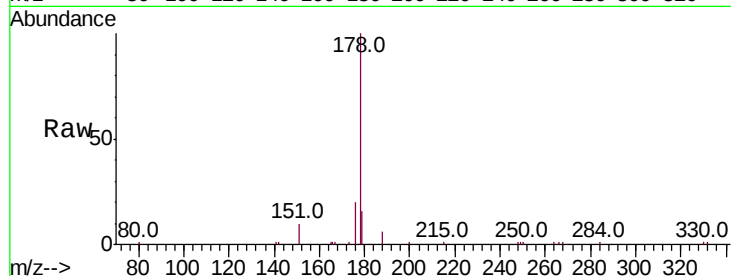
Tot Ion:178 Resp: 8374

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

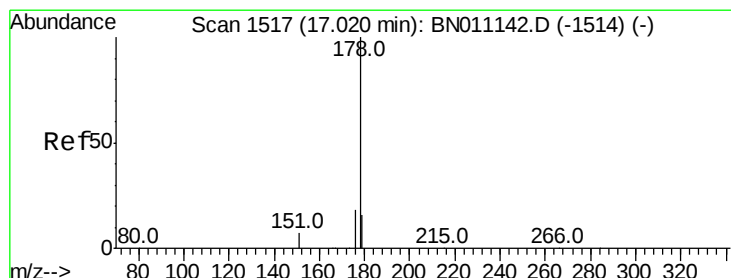
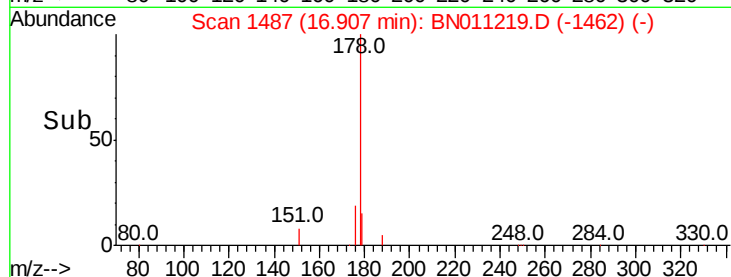
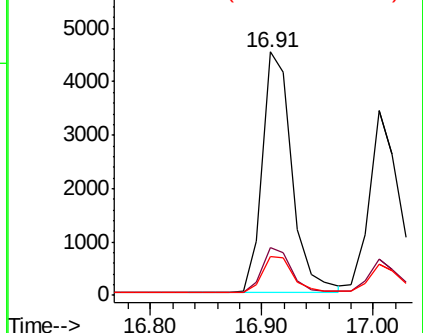
179 15.4 12.6 18.8



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: 0.355 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

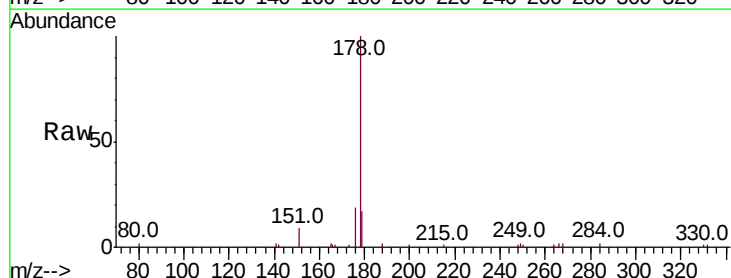
Tgt Ion:178 Resp: 6672

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

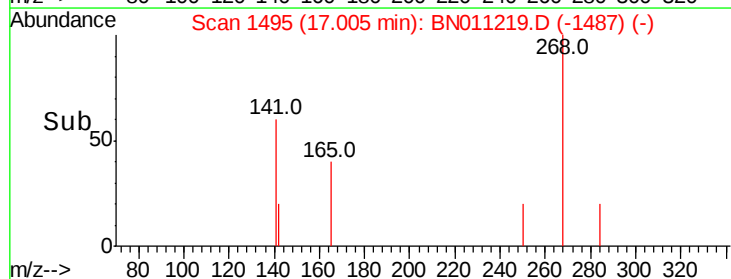
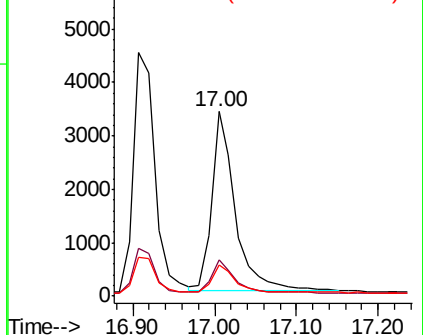
179 15.5 12.0 18.0

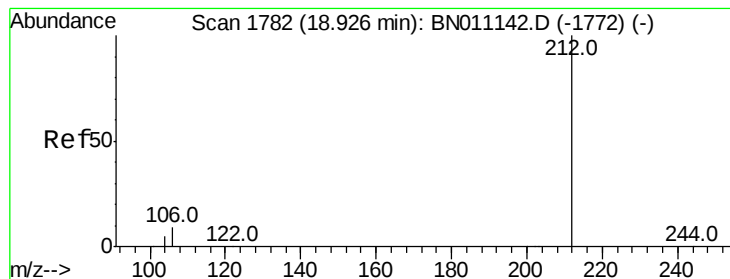


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.366 ng

RT: 18.92 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

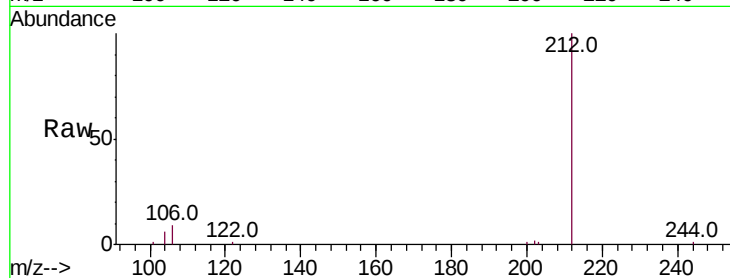
Tot Ion:212 Resp: 8118

Ion Ratio Lower Upper

212 100

106 8.5 7.0 10.6

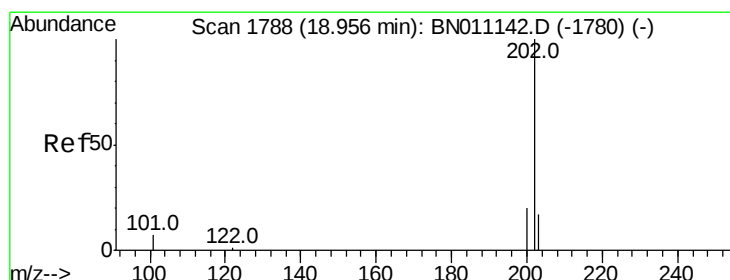
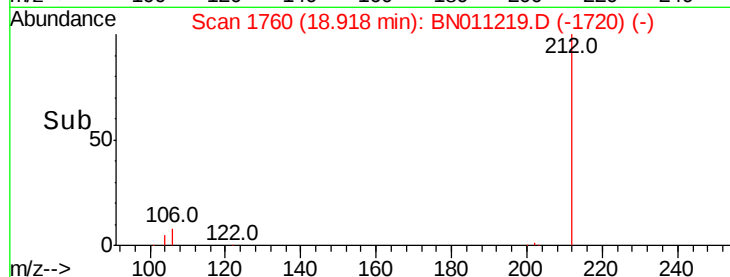
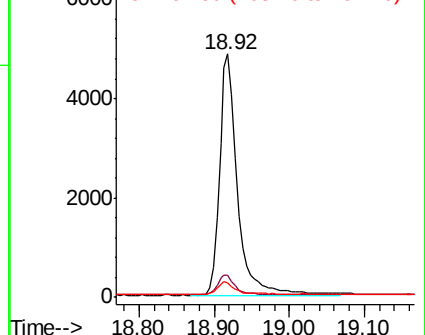
104 4.9 4.2 6.4



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: 0.362 ng

RT: 18.95 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

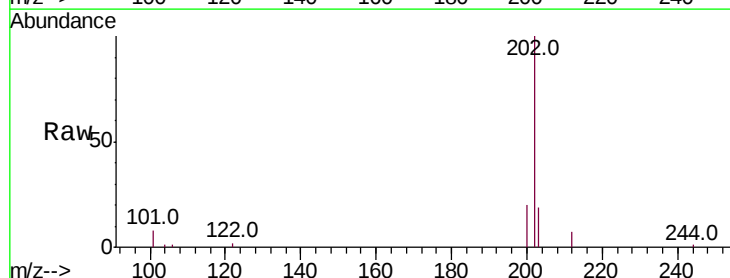
Tgt Ion:202 Resp: 9819

Ion Ratio Lower Upper

202 100

101 7.3 5.9 8.9

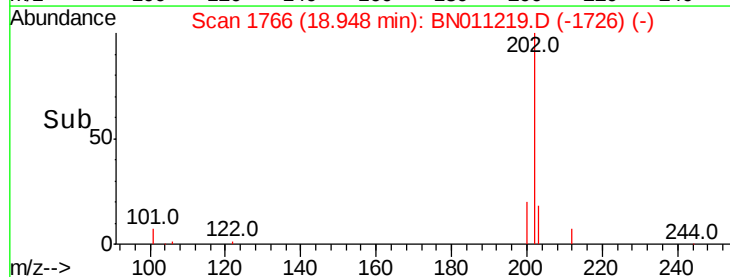
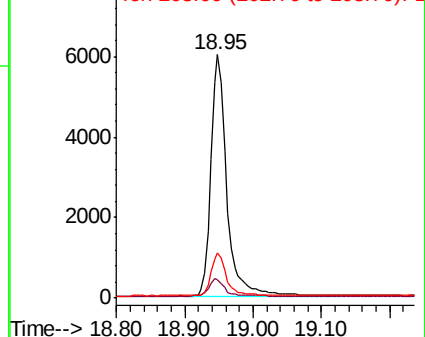
203 17.0 13.6 20.4

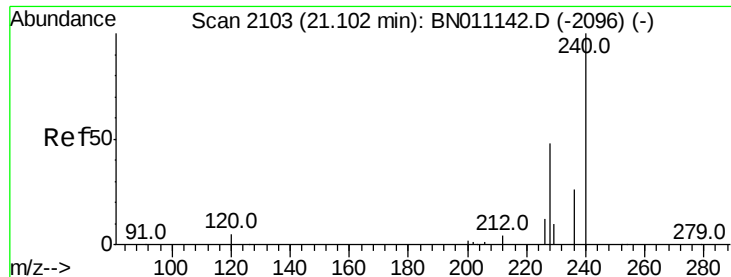


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

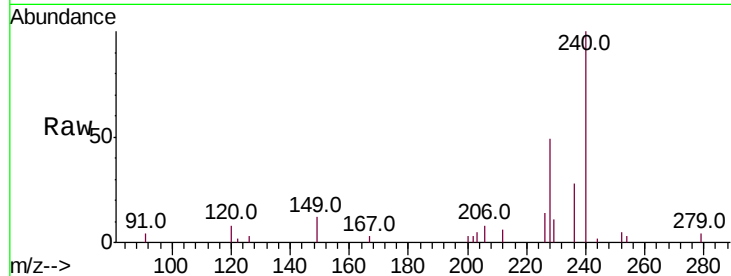




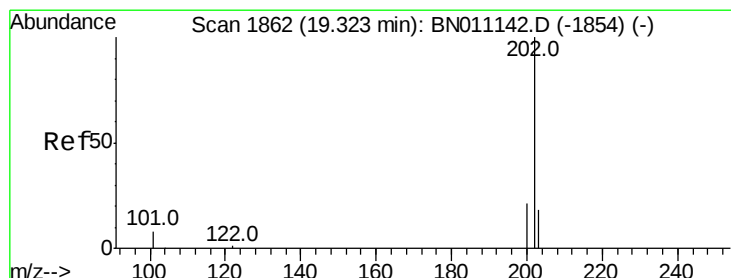
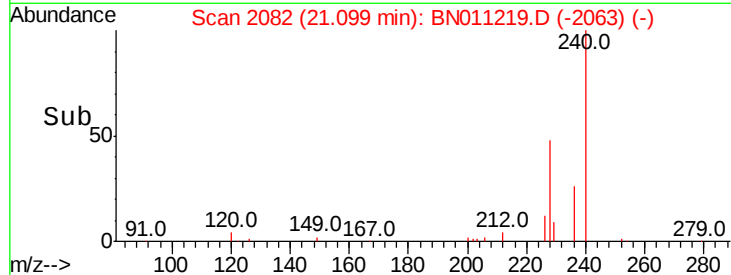
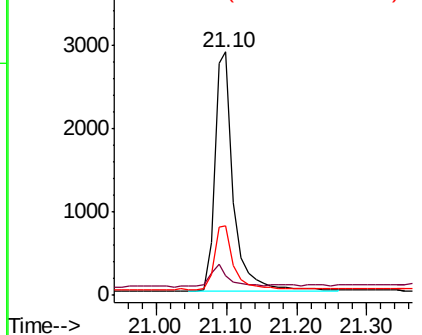
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tot Ion:240 Resp: 5386
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 28.3 21.9 32.9

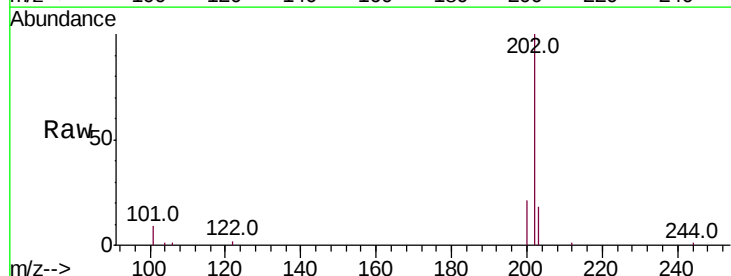


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

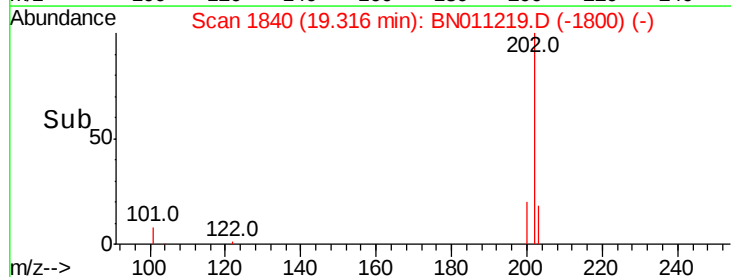
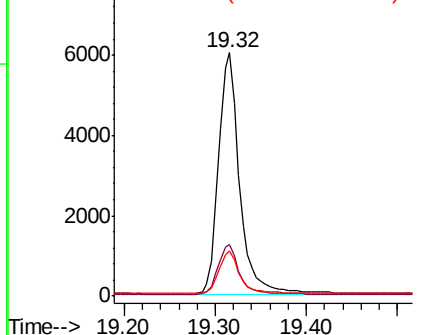


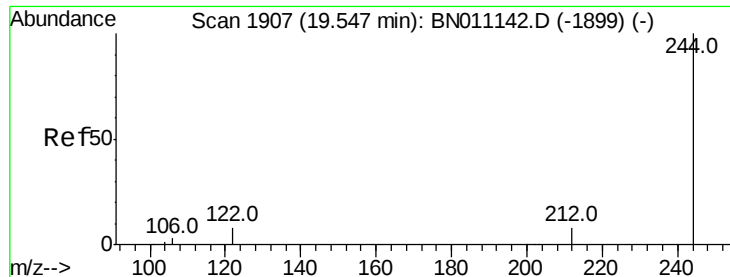
#30
Pyrene
Concen: 0.467 ng
RT: 19.32 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Tgt Ion:202 Resp: 9595
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.5 14.2 21.4



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: 0.457 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

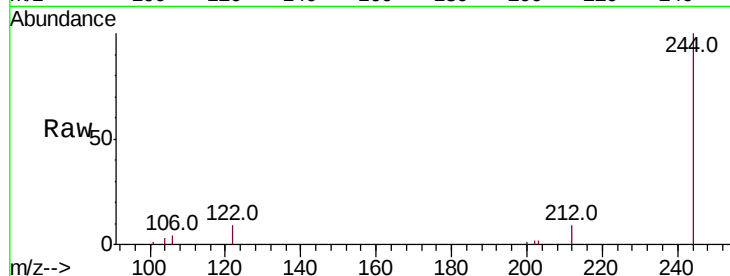
Tot Ion:244 Resp: 6404

Ion Ratio Lower Upper

244 100

212 9.2 7.8 11.6

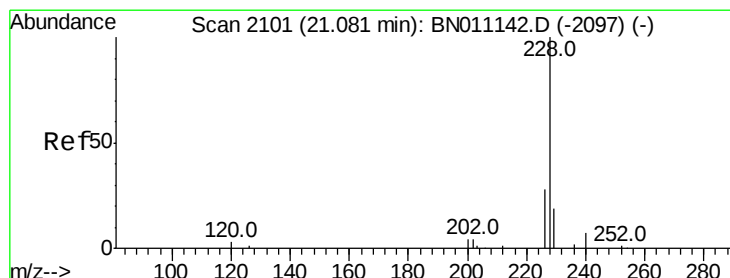
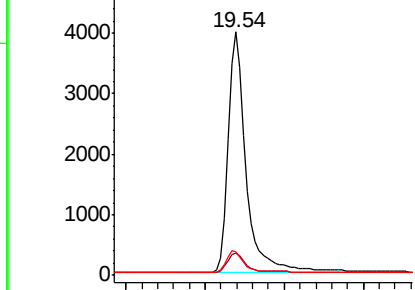
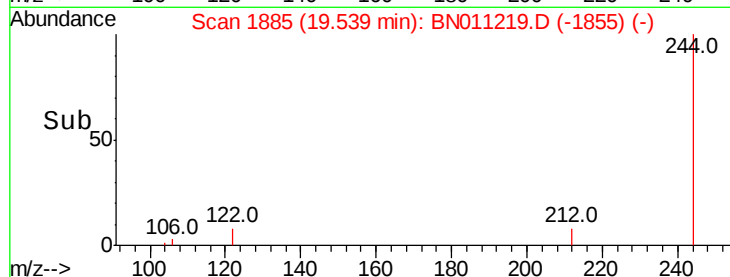
122 9.5 7.4 11.0



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: 0.392 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

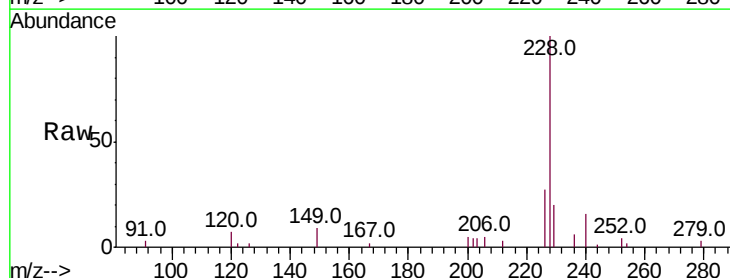
Tgt Ion:228 Resp: 6831

Ion Ratio Lower Upper

228 100

226 27.1 23.2 34.8

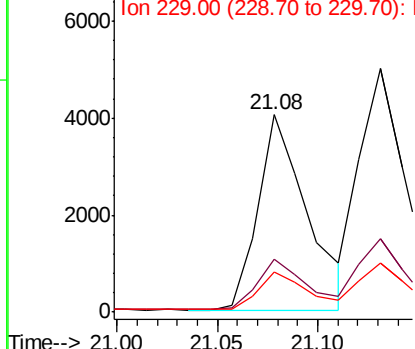
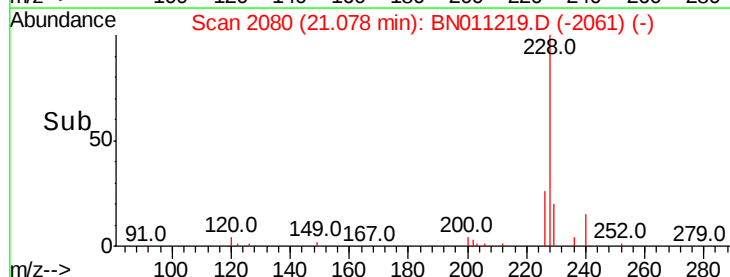
229 20.5 16.2 24.4

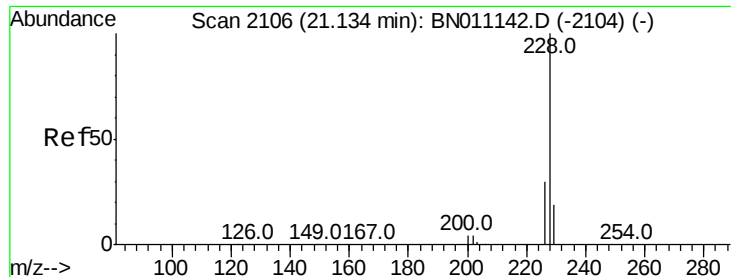


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.385 ng

RT: 21.13 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

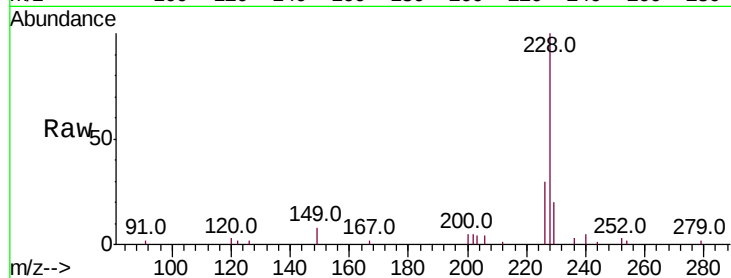
BNA_N

ClientSampleId :

PB130052BS

Tot Ion:228 Resp: 8217

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.4	16.2	24.4

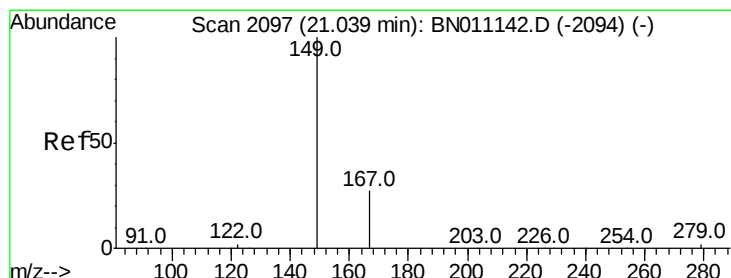
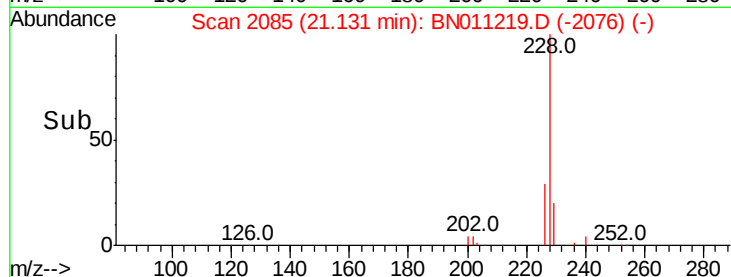
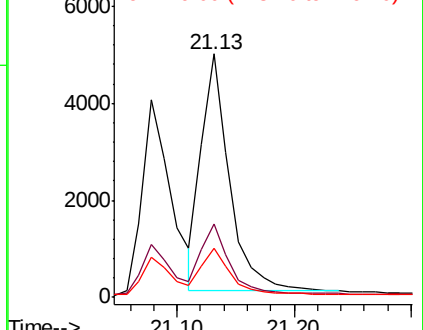


Abundance

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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.474 ng

RT: 21.04 min Scan# 2076

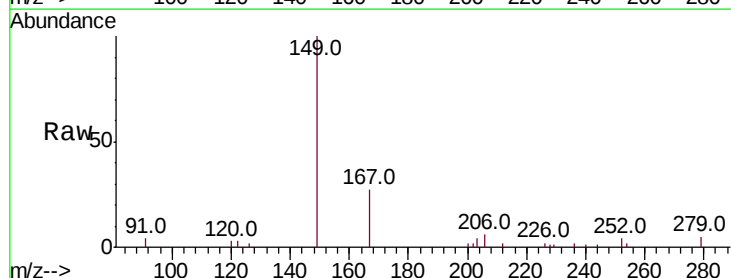
Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Tgt Ion:149 Resp: 3404

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	4.7	4.5	6.7

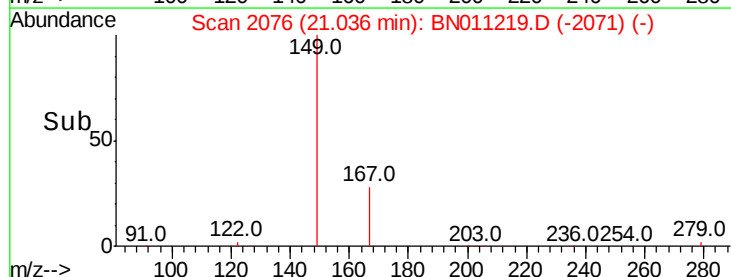
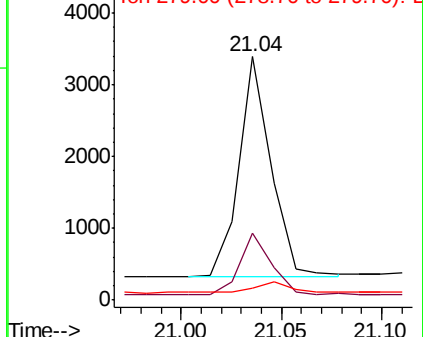


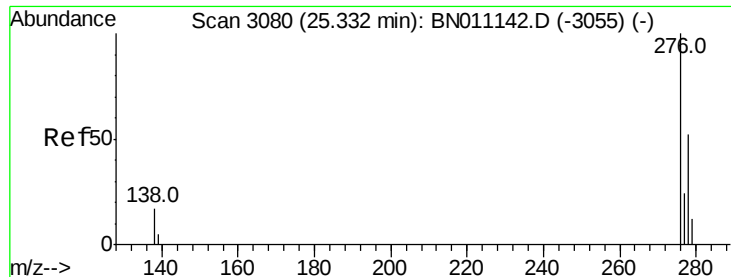
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng

RT: 25.32 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

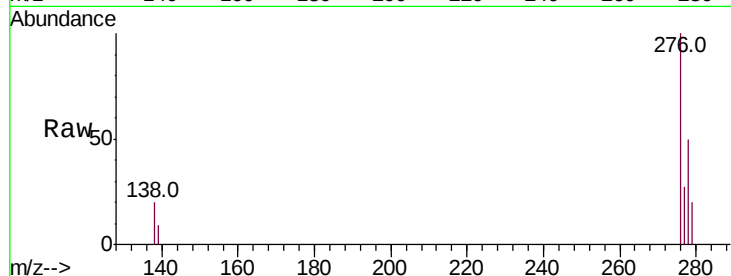
Tot Ion:276 Resp: 7470

Ion Ratio Lower Upper

276 100

138 17.0 13.0 19.6

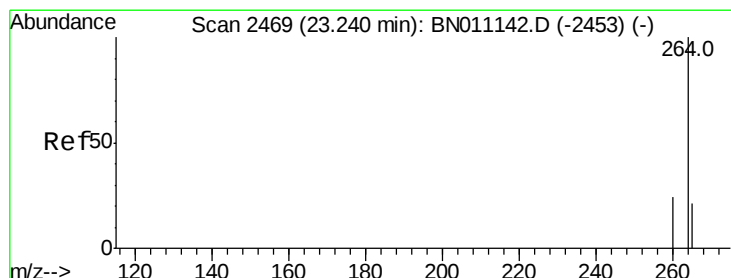
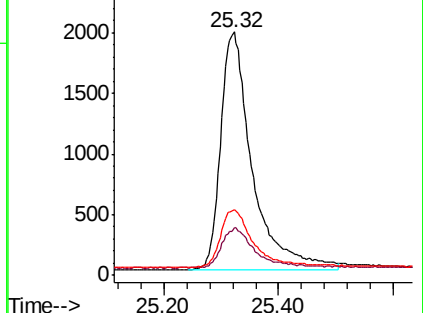
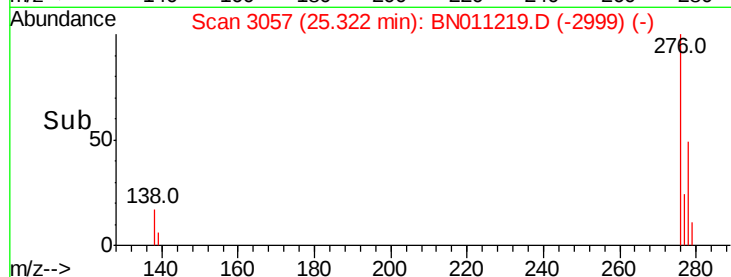
277 24.3 19.7 29.5



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: 23.23 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

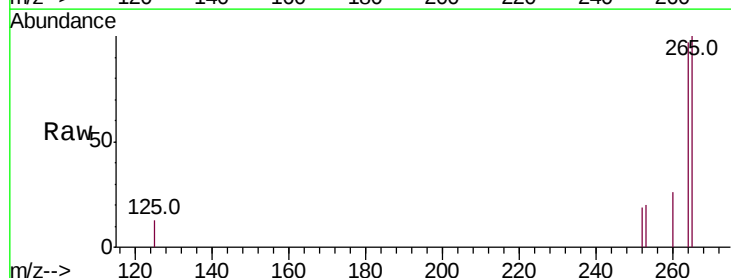
Tgt Ion:264 Resp: 4759

Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

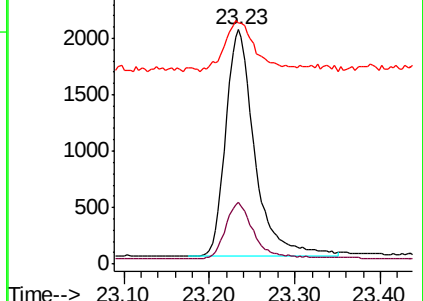
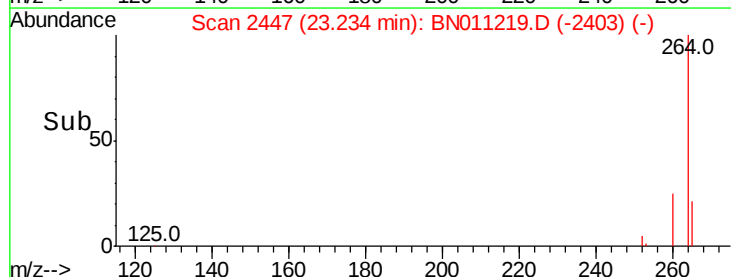
265 103.0 76.6 115.0

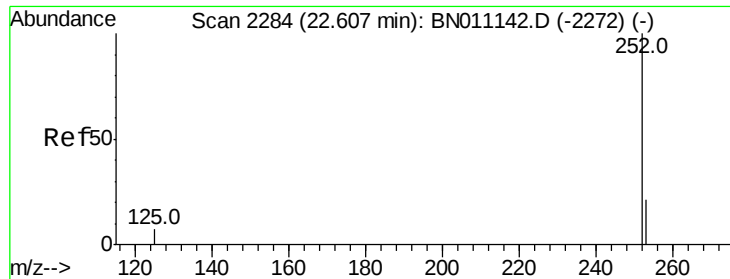


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

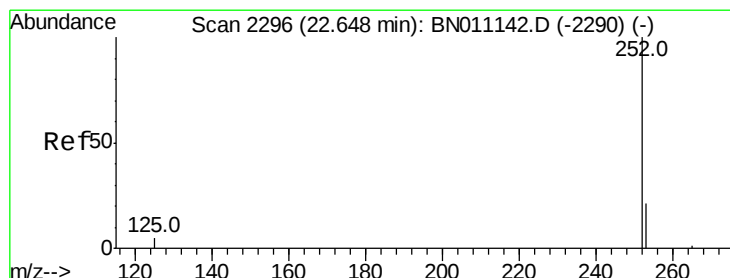
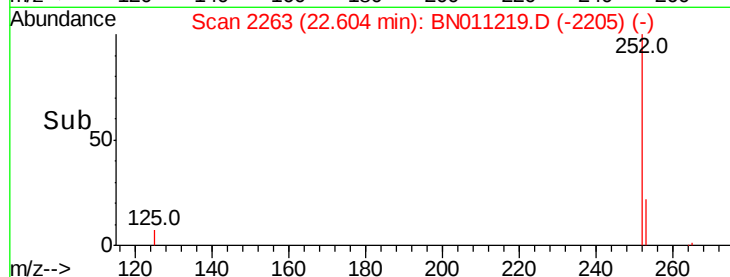
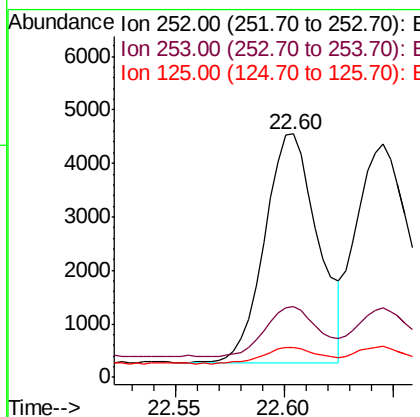
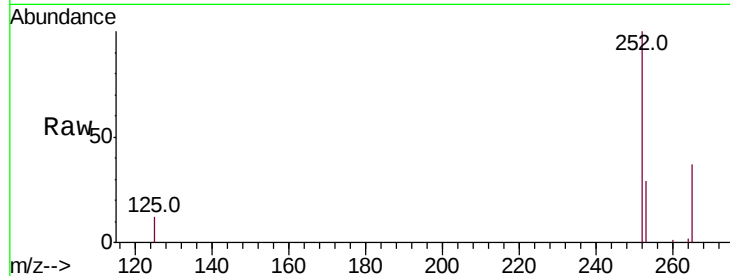




#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.60 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

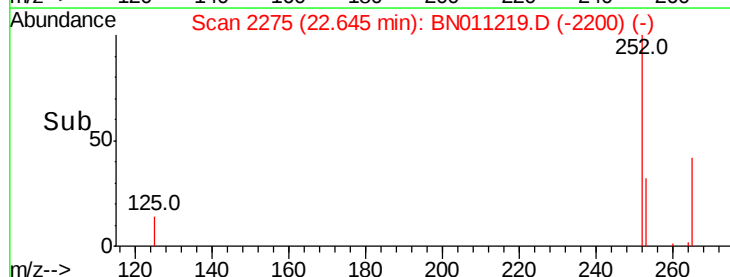
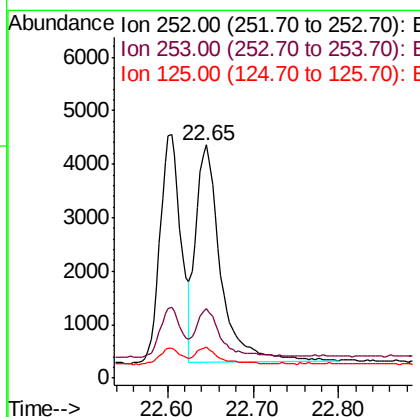
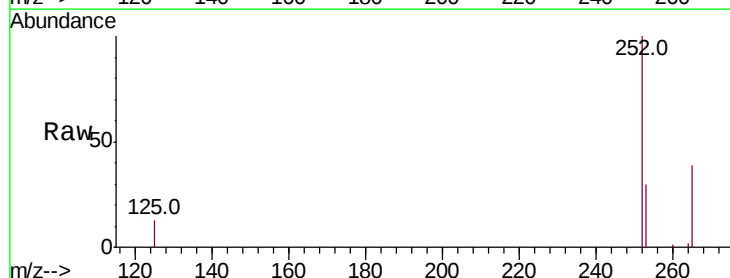
Instrument :
BNA_N
ClientSampleId :
PB130052BS

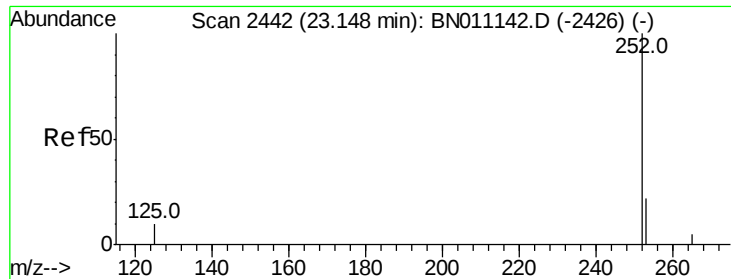
Tot Ion:252 Resp: 7263
Ion Ratio Lower Upper
252 100
253 29.2 22.6 34.0
125 12.4 9.6 14.4



#38
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 22.65 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BN011219.D
Acq: 21 Jul 2020 14:43

Tgt Ion:252 Resp: 8239
Ion Ratio Lower Upper
252 100
253 29.7 22.2 33.4
125 13.2 11.0 16.4





#39

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.15 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

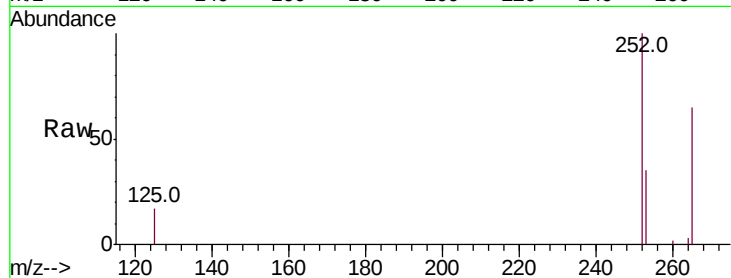
Tot Ion:252 Resp: 5956

Ion Ratio Lower Upper

252 100

253 34.7 25.8 38.6

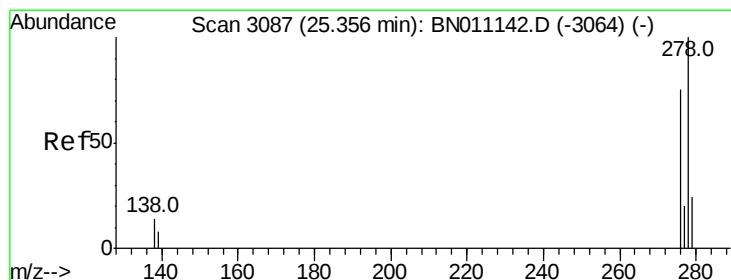
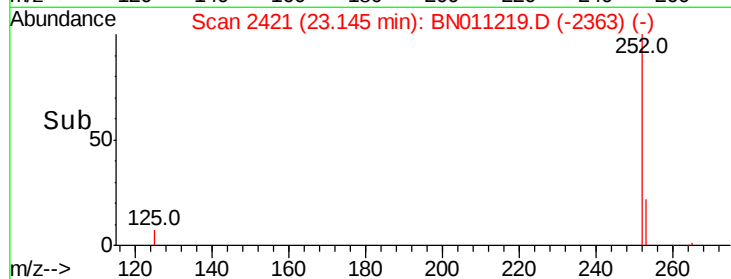
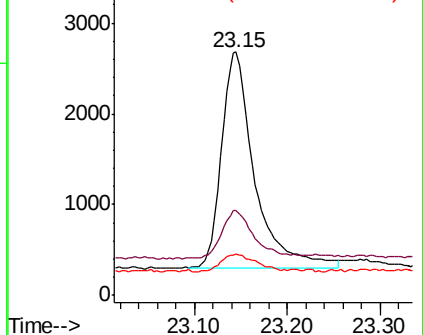
125 16.9 13.4 20.0



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: 0.321 ng

RT: 25.34 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

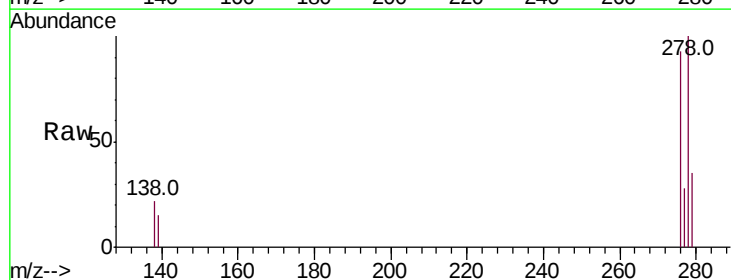
Tgt Ion:278 Resp: 5861

Ion Ratio Lower Upper

278 100

139 15.4 11.7 17.5

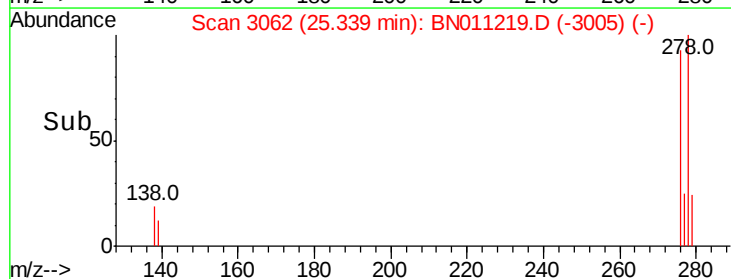
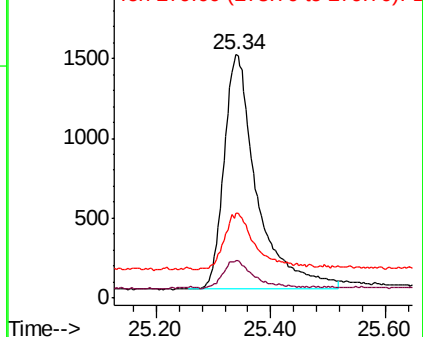
279 35.1 25.0 37.6

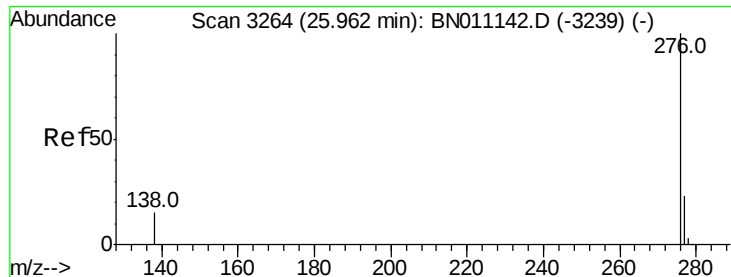


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.346 ng

RT: 25.94 min Scan# 3238

Delta R.T. -0.01 min

Lab File: BN011219.D

Acq: 21 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB130052BS

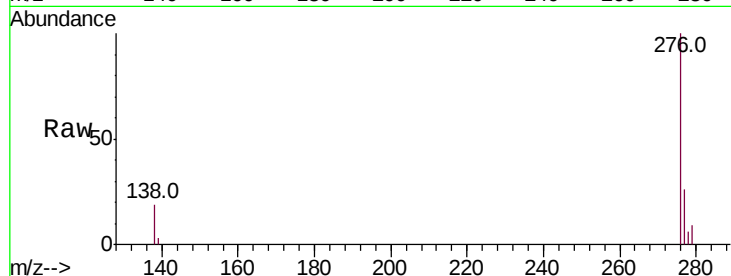
Tot Ion:276 Resp: 6936

Ion Ratio Lower Upper

276 100

277 26.4 20.5 30.7

138 18.8 13.8 20.6



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

