

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011570.D
 Acq On : 22 Aug 2020 04:16
 Operator : CG/JU
 Sample : PB131047BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BS

Quant Time: Aug 22 05:51:05 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	1173	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	4156	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	2985	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	6667	0.40	ng	0.00
29) Chrysene-d12	21.01	240	5777	0.40	ng	0.00
36) Perylene-d12	23.11	264	5015	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	983	0.39	ng	0.00
5) Phenol-d6	6.62	99	749	0.30	ng	0.00
8) Nitrobenzene-d5	8.55	82	919	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2796	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	489	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	4412	0.36	ng	-0.01
27) Fluoranthene-d10	18.83	212	7283	0.32	ng	0.00
31) Terphenyl-d14	19.46	244	5519	0.37	ng	0.00

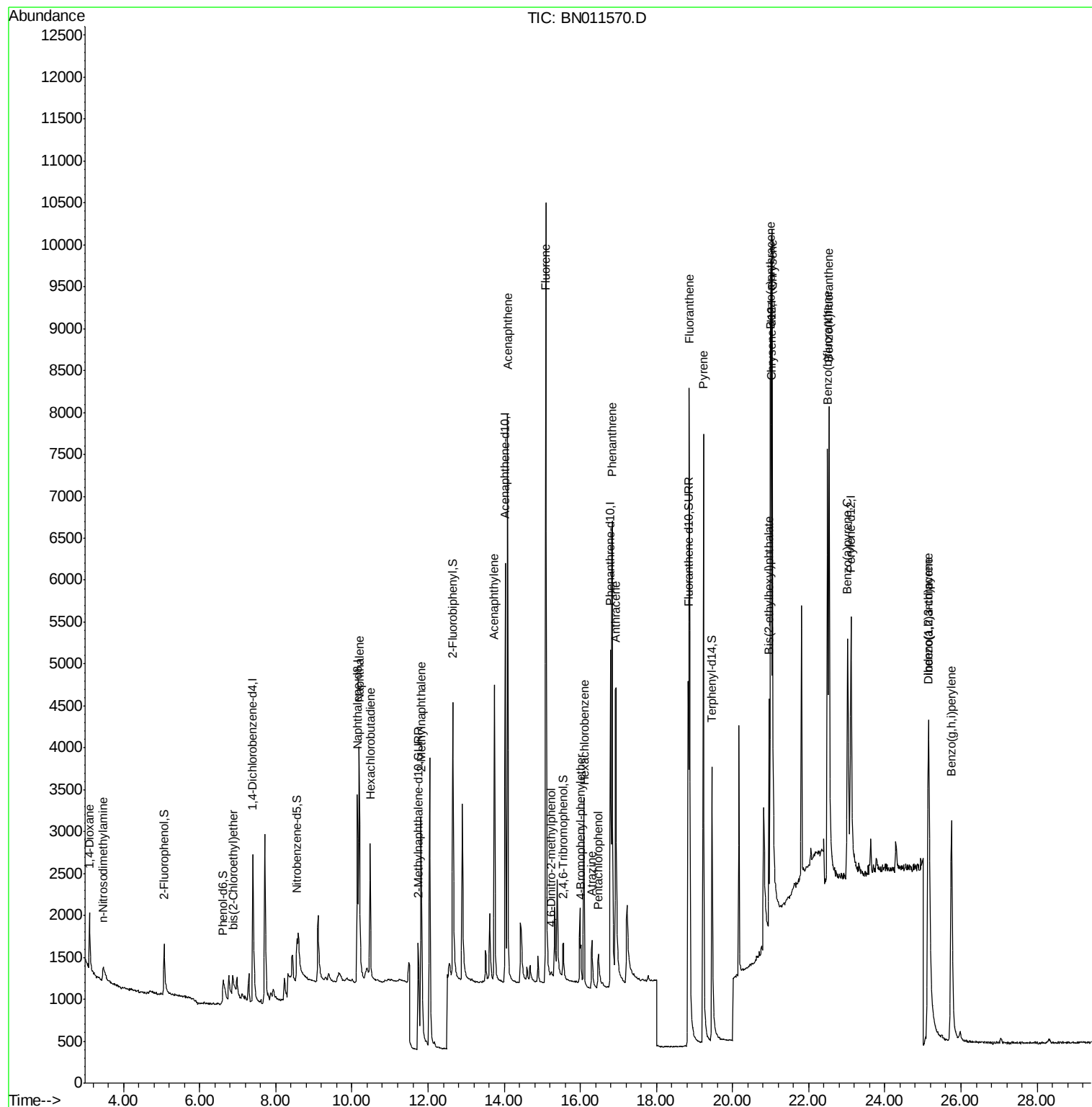
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	693	0.432	ng	# 100
3) n-Nitrosodimethylamine	3.47	42	259	0.392	ng	# 76
6) bis(2-Chloroethyl)ether	6.87	93	779	0.315	ng	97
9) Naphthalene	10.19	128	4501	0.374	ng	99
10) Hexachlorobutadiene	10.48	225	1358	0.403	ng	# 98
12) 2-Methylnaphthalene	11.82	142	3148	0.380	ng	96
16) Acenaphthylene	13.74	152	5071	0.334	ng	100
17) Acenaphthene	14.09	154	3523	0.354	ng	100
18) Fluorene	15.09	166	4721	0.358	ng	99
20) 4,6-Dinitro-2-methylphenol	15.23	198	237	0.354	ng	96
21) 4-Bromophenyl-phenylether	16.02	248	523	0.359	ng	93
22) Hexachlorobenzene	16.10	284	1847	0.359	ng	99
23) Atrazine	16.30	200	841	0.242	ng	96
24) Pentachlorophenol	16.47	266	459	0.287	ng	94
25) Phenanthrene	16.83	178	7562	0.360	ng	100
26) Anthracene	16.93	178	6003	0.343	ng	99
28) Fluoranthene	18.86	202	8822	0.327	ng	100
30) Pvrene	19.23	202	8638	0.376	ng	99
32) Benzo(a)anthracene	20.99	228	6494	0.342	ng	99
33) Chrysene	21.05	228	8034	0.372	ng	99
34) Bis(2-ethylhexyl)phthalate	20.95	149	2891	0.336	ng	99
35) Indeno(1,2,3-cd)pyrene	25.14	276	7234	0.369	ng	98
37) Benzo(b)fluoranthene	22.49	252	6986	0.377	ng	94
38) Benzo(k)fluoranthene	22.53	252	8843	0.400	ng	95
39) Benzo(a)pyrene	23.02	252	6133	0.358	ng	92
40) Dibenzo(a,h)anthracene	25.16	278	5735	0.400	ng	93
41) Benzo(g,h,i)perylene	25.75	276	6724	0.393	ng	97

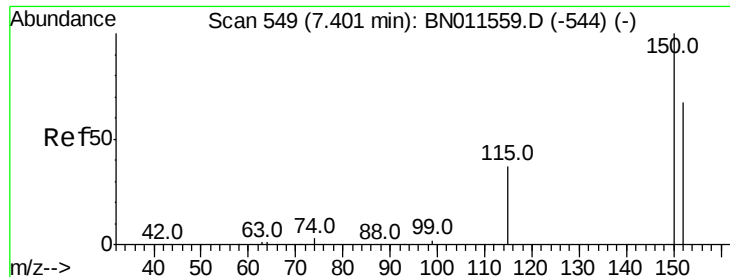
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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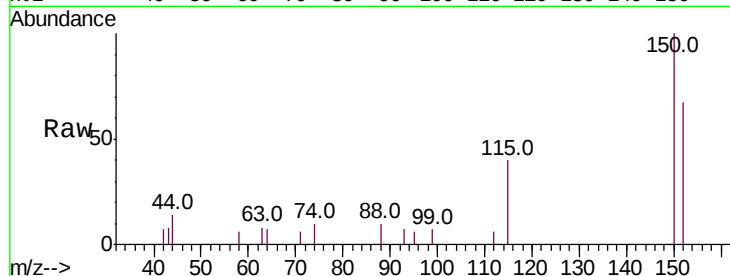


#1

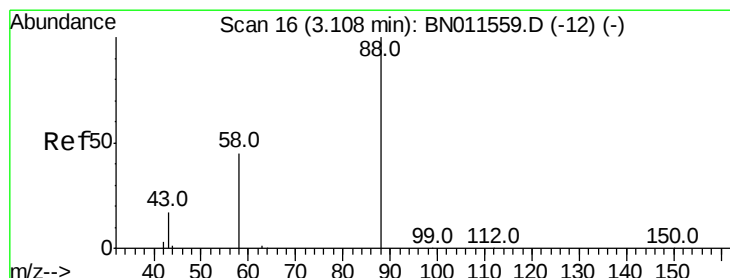
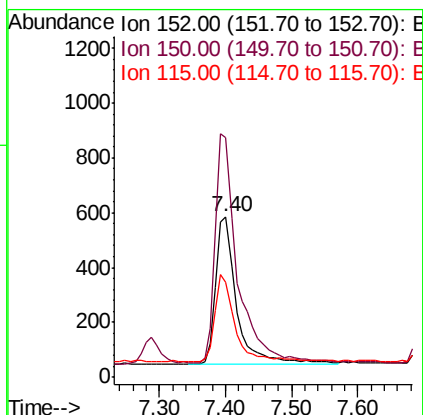
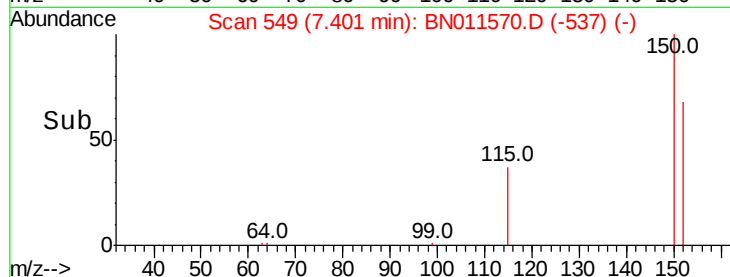
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. 0.00 min
Lab File: BN011570.D
Acq: 22 Aug 2020 04:16

Instrument :
BNA_N
ClientSampleId :
PB131047BS

Tot Ion:152 Resp: 1173
Ion Ratio Lower Upper
152 100
150 149.2 117.1 175.7
115 59.5 48.7 73.1



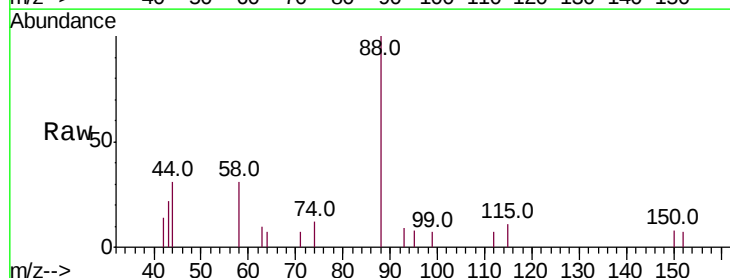
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



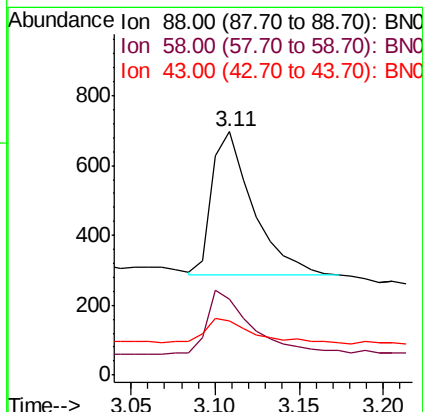
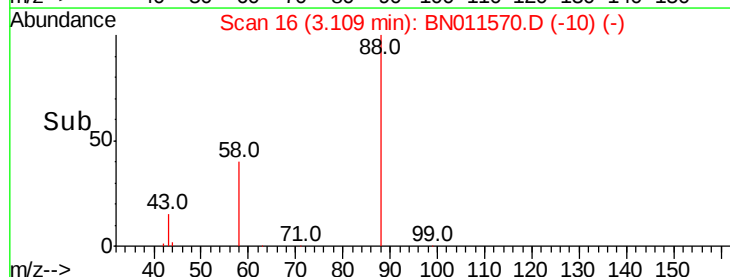
#2

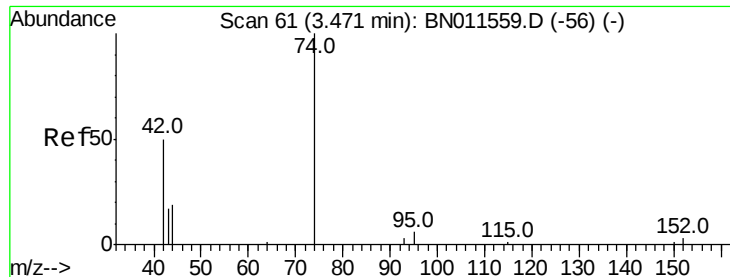
1,4-Dioxane
Concen: 0.432 ng
RT: 3.11 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN011570.D
Acq: 22 Aug 2020 04:16

Tgt Ion: 88 Resp: 693
Ion Ratio Lower Upper
88 100
58 46.5 0.0 0.0#
43 18.8 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: 0.392 ng

RT: 3.47 min Scan# 61

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

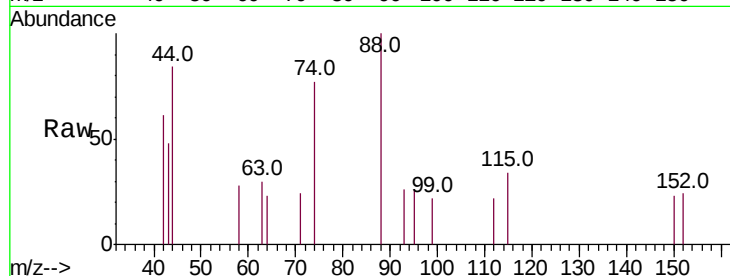
Tot Ion: 42 Resp: 259

Ion Ratio Lower Upper

42 100

74 172.6 169.0 253.4

44 15.8 21.6 32.4#

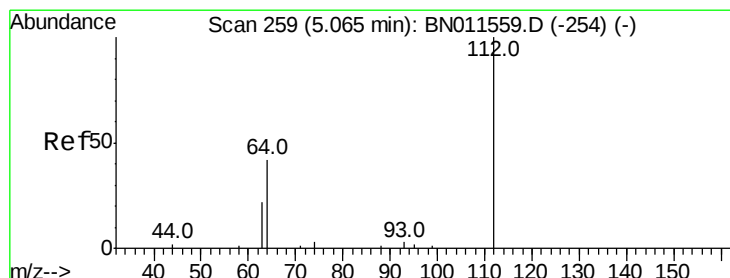
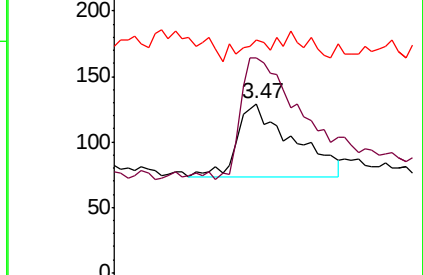
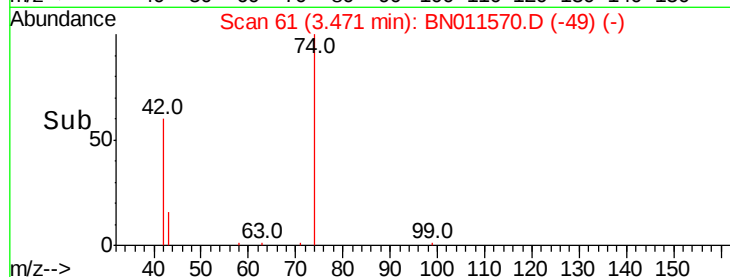


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->



#4

2-Fluorophenol

Concen: 0.393 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

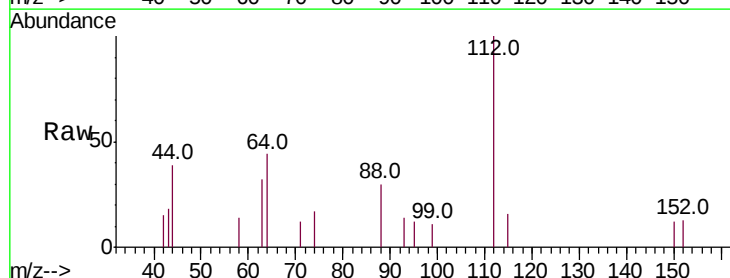
Tgt Ion: 112 Resp: 983

Ion Ratio Lower Upper

112 100

64 40.4 33.9 50.9

63 20.8 17.7 26.5

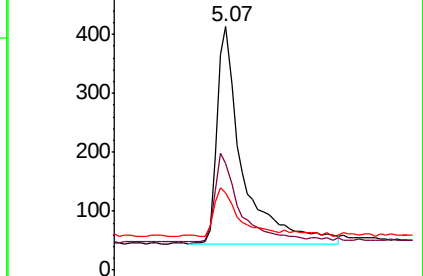
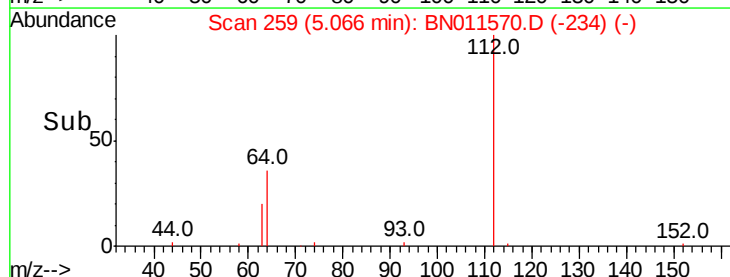


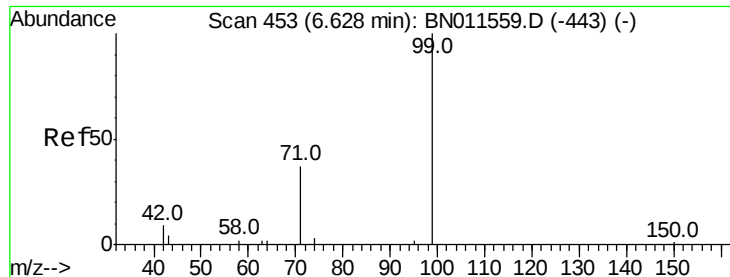
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->





#5

Phenol-d6

Concen: 0.296 ng

RT: 6.62 min Scan# 452

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

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PB131047BS

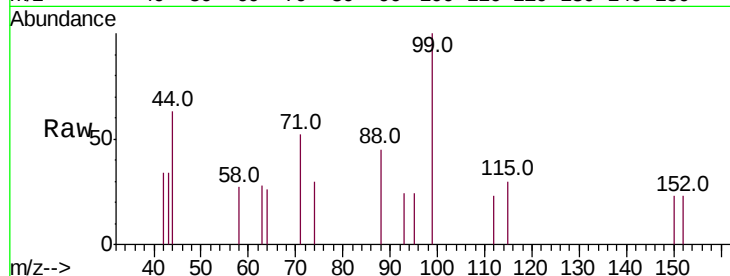
Tot Ion: 99 Resp: 749

Ion Ratio Lower Upper

99 100

42 12.0 9.0 13.4

71 41.4 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) (-)

6.62

250

200

150

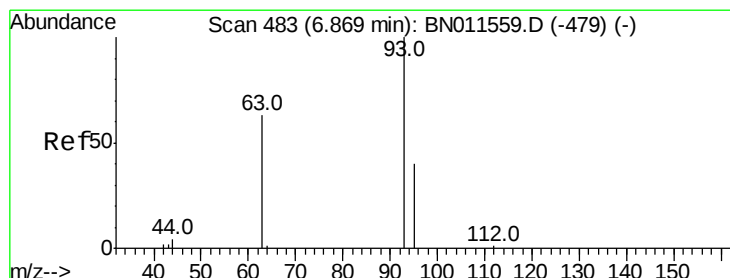
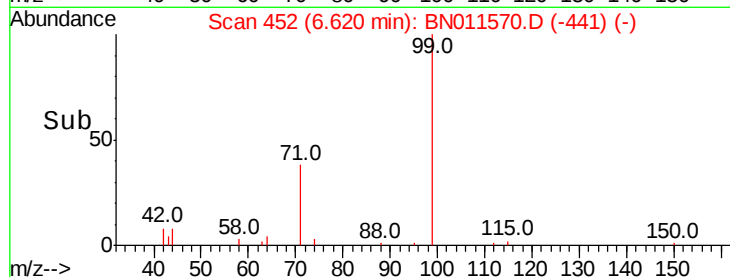
100

50

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.315 ng

RT: 6.87 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

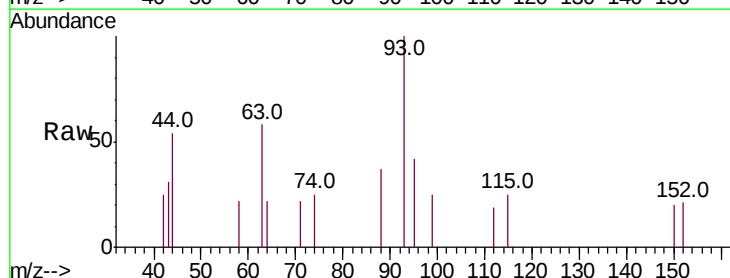
Tgt Ion: 93 Resp: 779

Ion Ratio Lower Upper

93 100

63 38.0 32.9 49.3

95 31.6 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) (-)

6.87

400

300

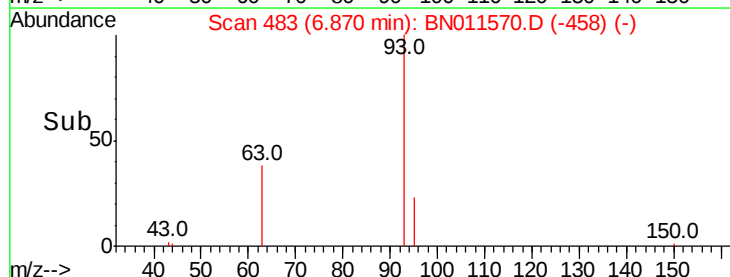
200

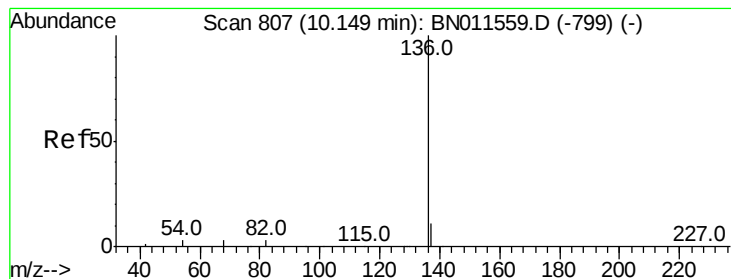
100

0

6.80 6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

Tot Ion:136 Resp: 4156

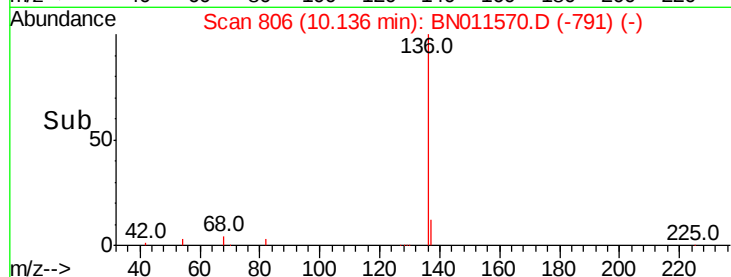
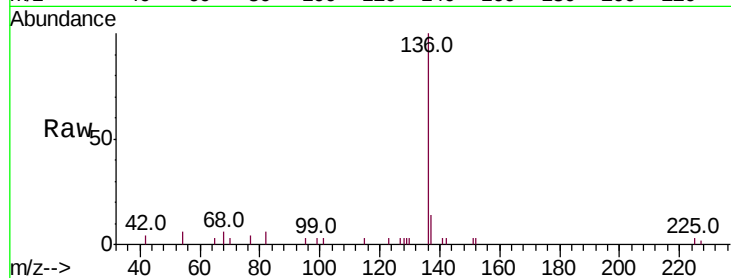
Ion Ratio Lower Upper

136 100

137 13.9 11.0 16.4

54 5.9 4.3 6.5

68 6.0 4.9 7.3

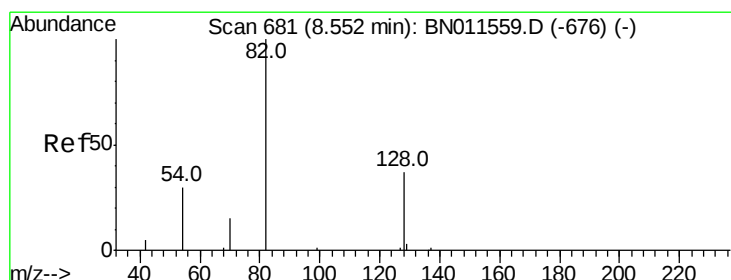
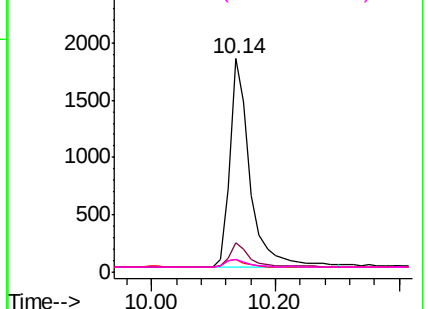


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.55 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

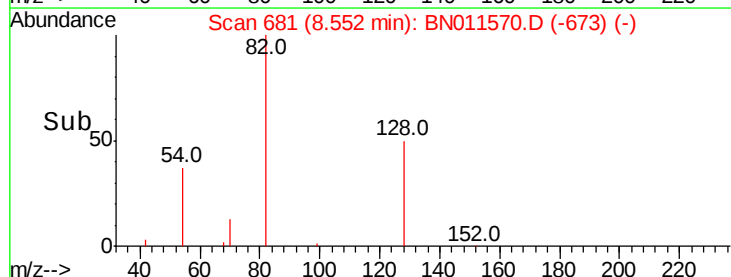
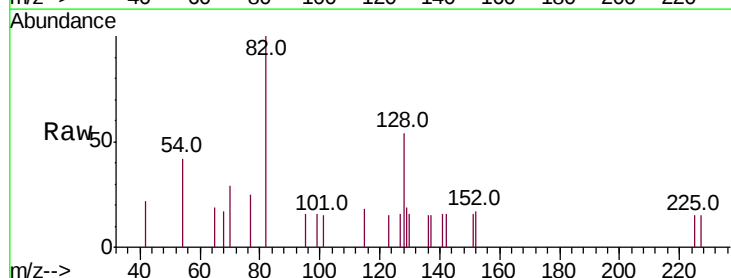
Tgt Ion: 82 Resp: 919

Ion Ratio Lower Upper

82 100

128 53.6 41.7 62.5

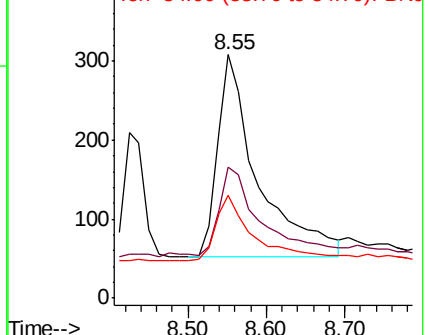
54 42.2 34.4 51.6

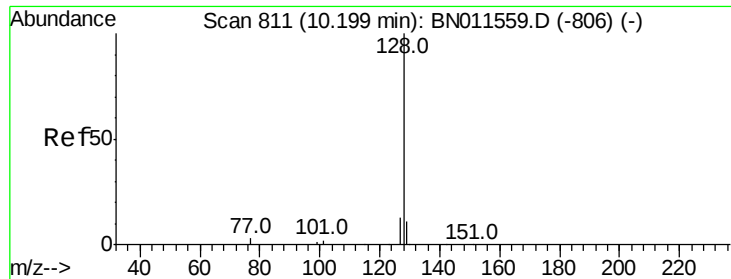


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0





#9

Naphthalene

Concen: 0.374 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011570.D

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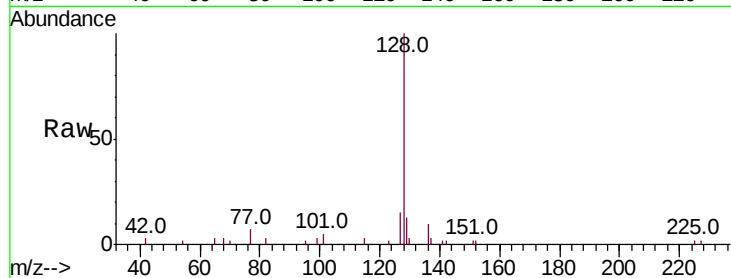
Tot Ion:128 Resp: 4501

Ion Ratio Lower Upper

128 100

129 13.0 10.8 16.2

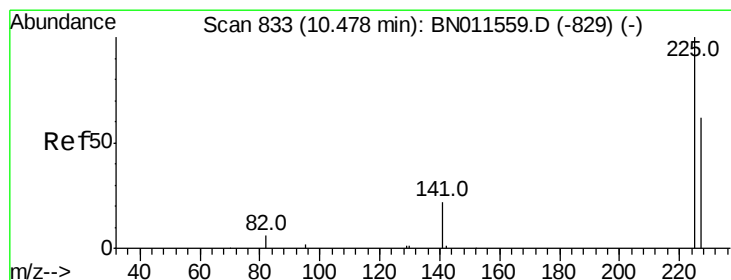
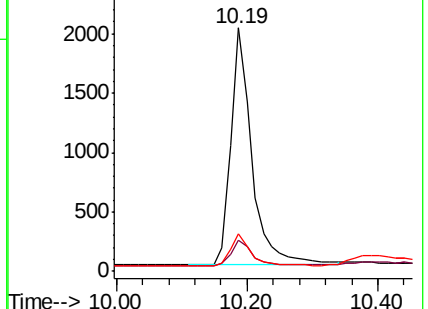
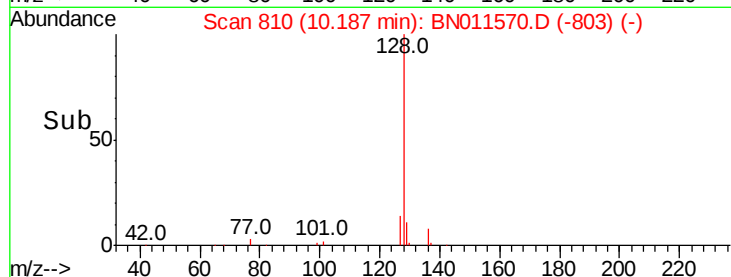
127 15.5 12.3 18.5



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: 0.403 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

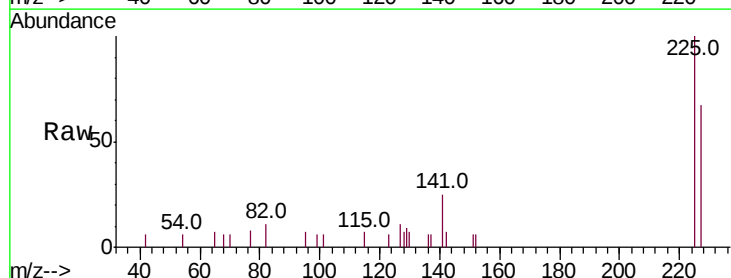
Tgt Ion:225 Resp: 1358

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

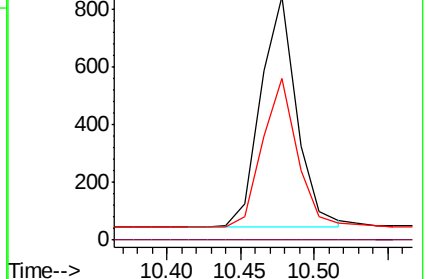
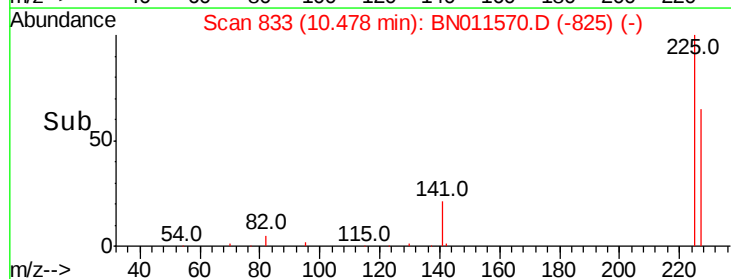
227 62.5 51.3 76.9

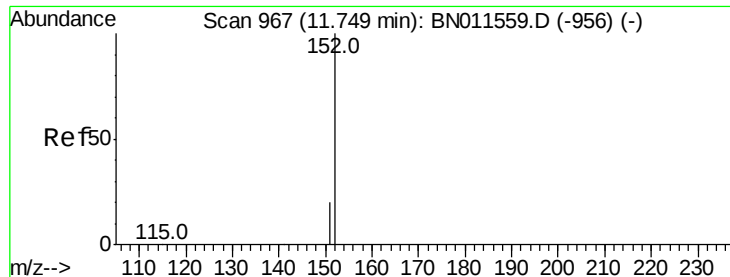


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 11.74 min Scan# 965

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

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ClientSampleId :

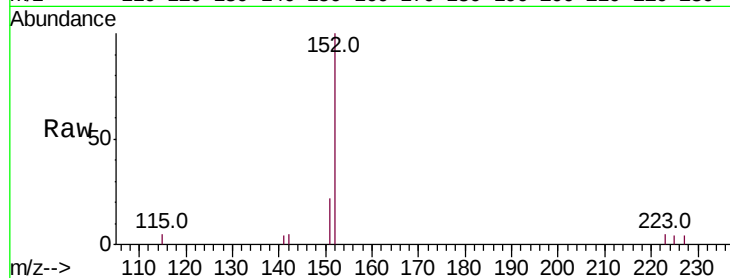
PB131047BS

Tot Ion:152 Resp: 2796

Ion Ratio Lower Upper

152 100

151 20.4 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

1200

1000

800

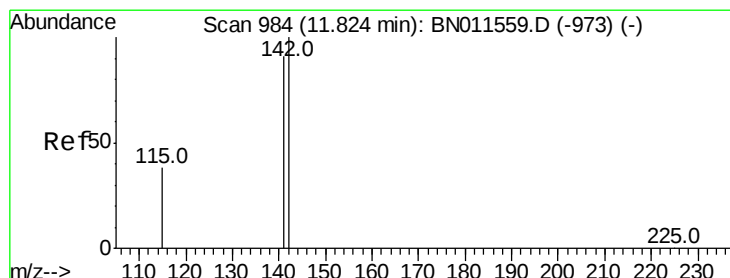
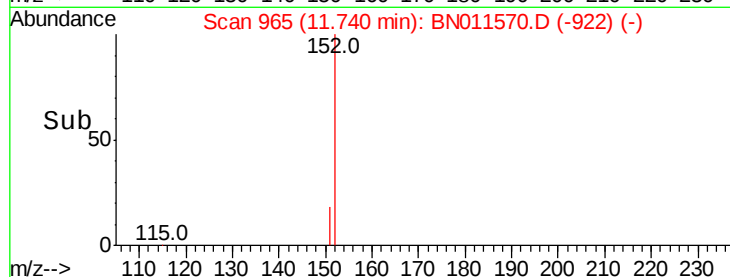
600

400

200

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 11.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

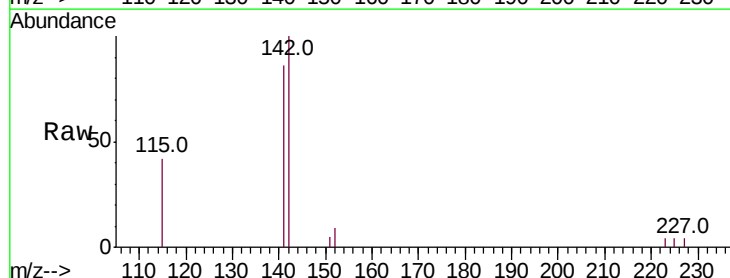
Tgt Ion:142 Resp: 3148

Ion Ratio Lower Upper

142 100

141 85.9 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

11.82

2000

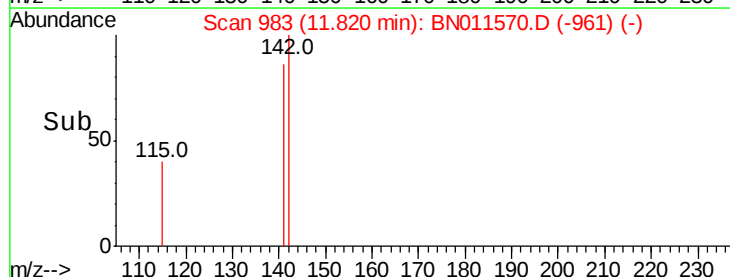
1500

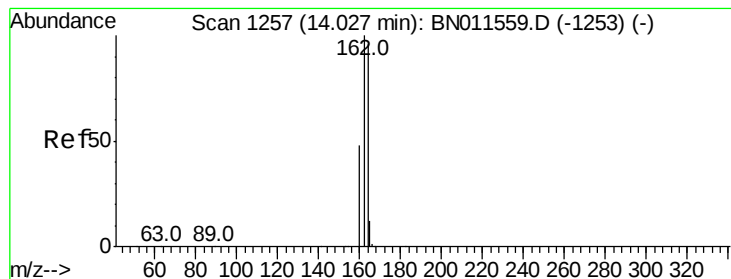
1000

500

0

Time--> 11.80 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

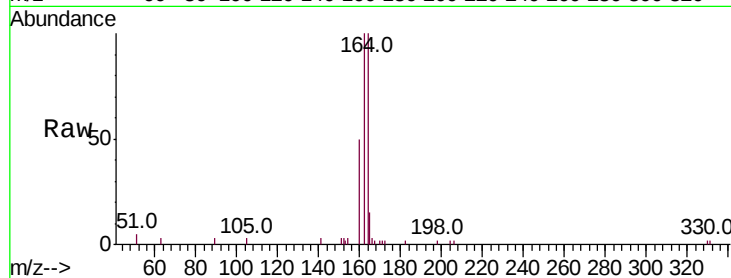
Tot Ion:164 Resp: 2985

Ion Ratio Lower Upper

164 100

162 100.4 83.7 125.5

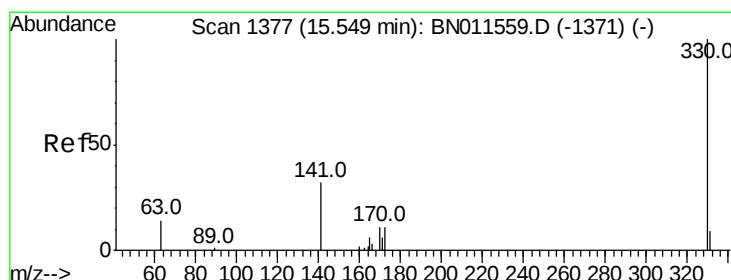
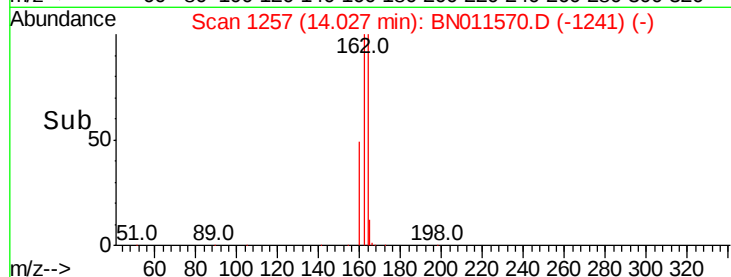
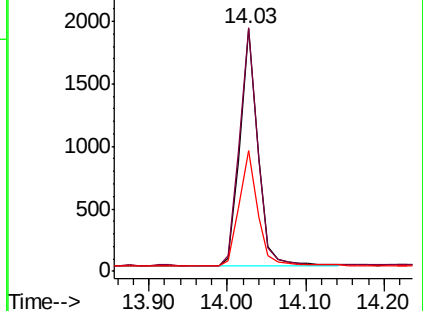
160 50.1 41.1 61.7



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: 0.329 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

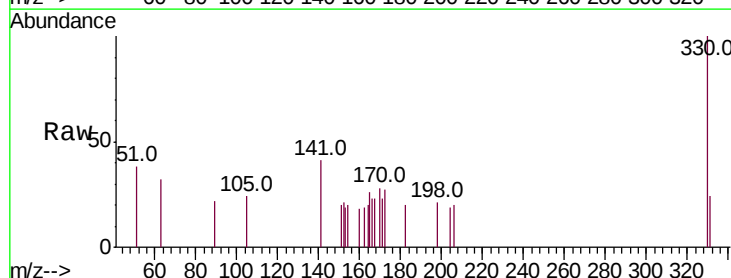
Tgt Ion:330 Resp: 489

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

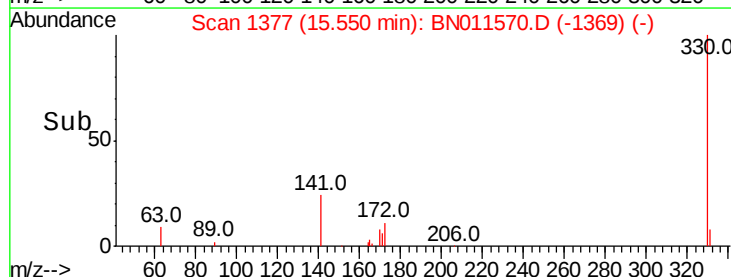
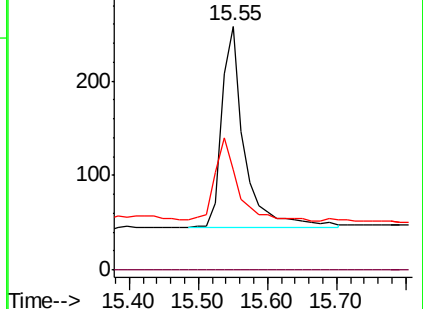
141 40.9 34.6 52.0

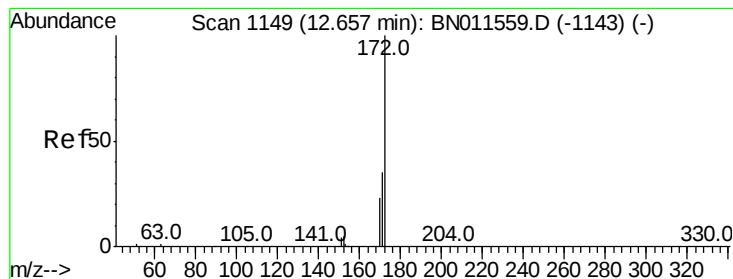


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 12.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

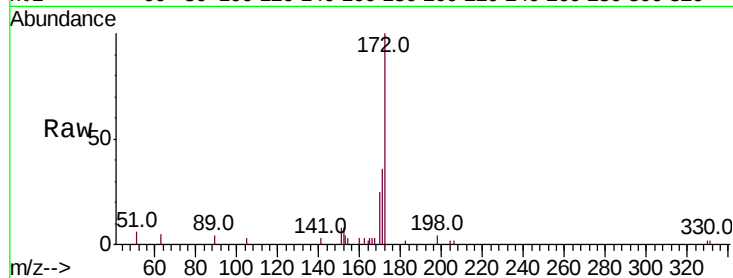
Tot Ion:172 Resp: 4412

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

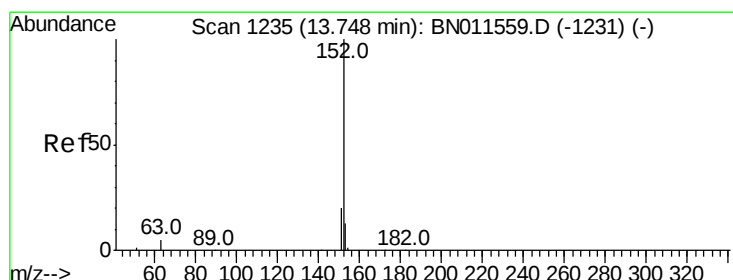
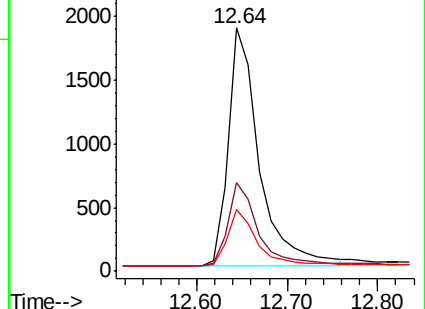
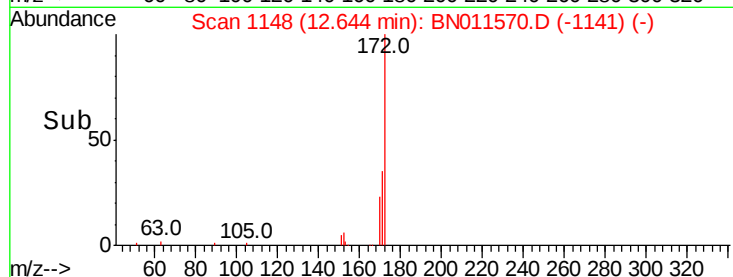
170 25.2 20.1 30.1



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



#16

Acenaphthylene

Concen: 0.334 ng

RT: 13.74 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

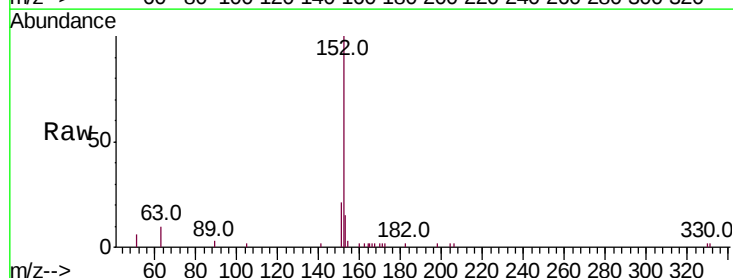
Tgt Ion:152 Resp: 5071

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

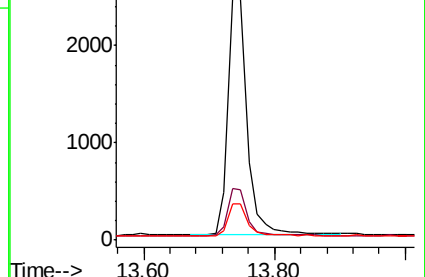
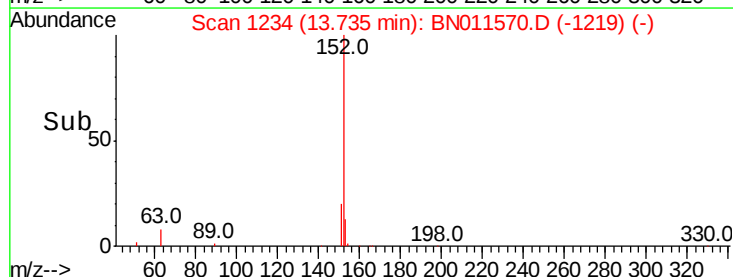
153 13.4 10.6 16.0

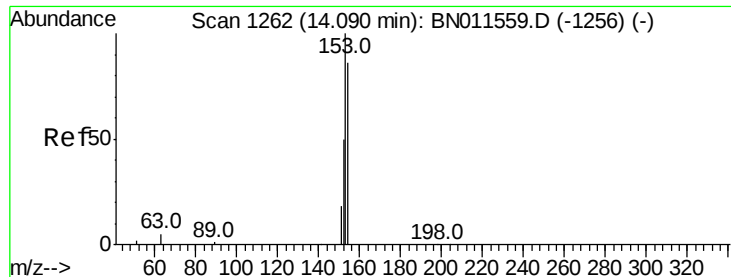


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

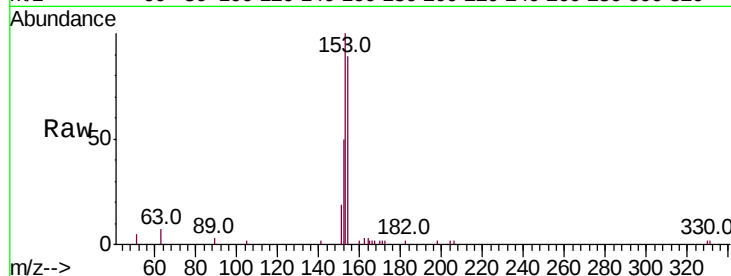
Tot Ion:154 Resp: 3523

Ion Ratio Lower Upper

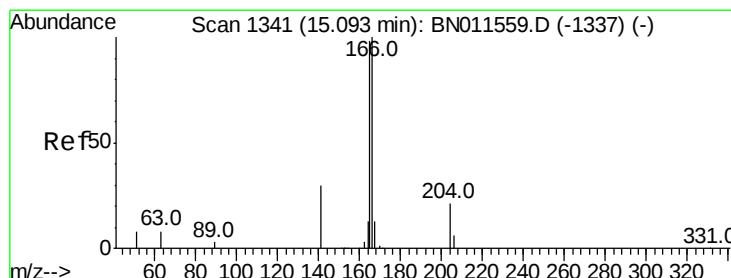
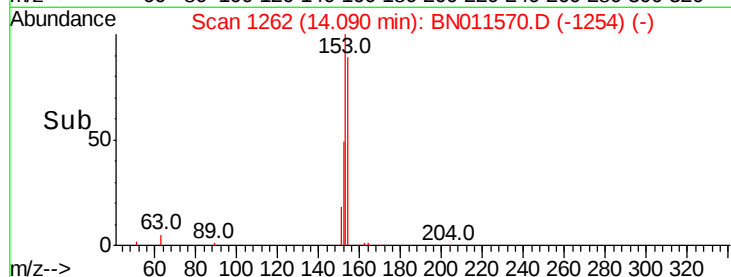
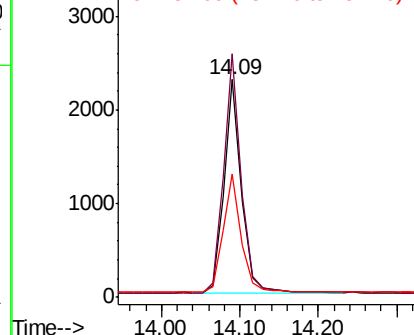
154 100

153 114.4 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: 0.358 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

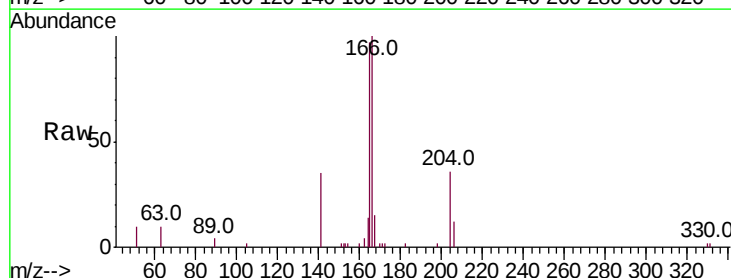
Tgt Ion:166 Resp: 4721

Ion Ratio Lower Upper

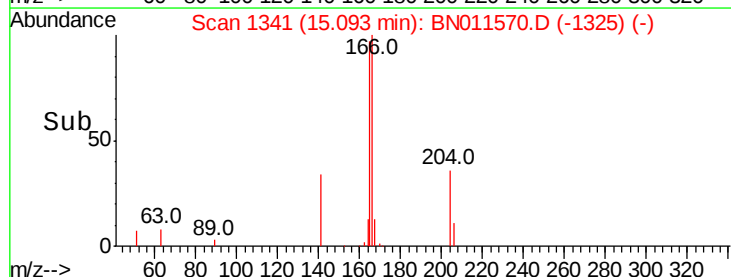
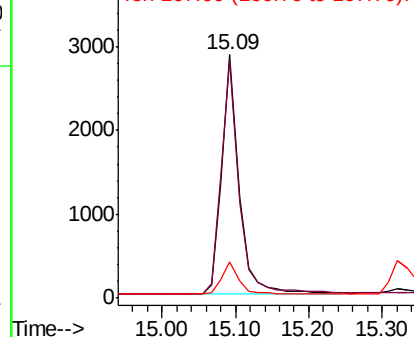
166 100

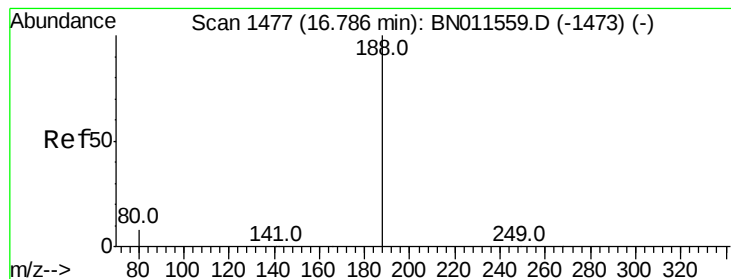
165 98.5 78.2 117.2

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: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

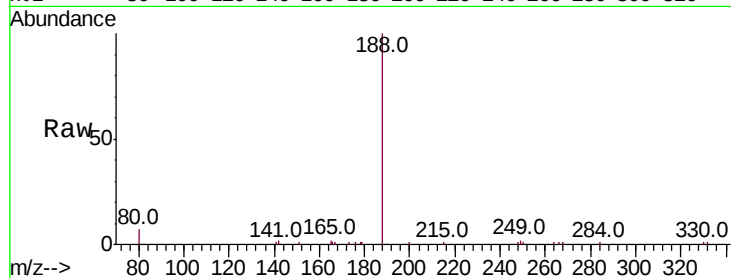
Tot Ion:188 Resp: 6667

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

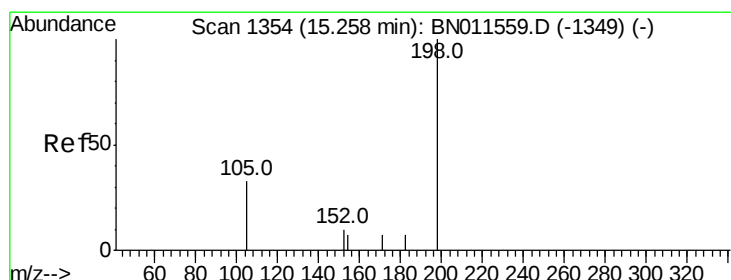
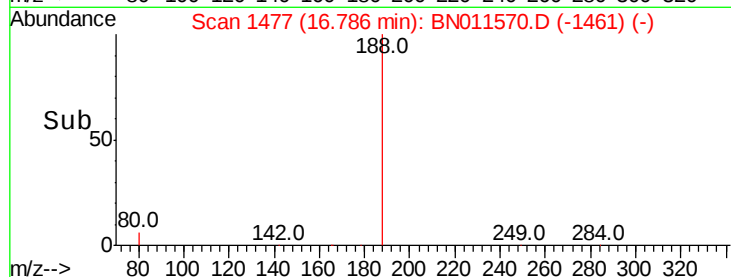
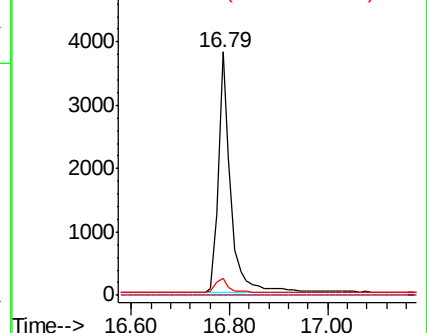
80 6.8 7.6 11.4#



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: 0.354 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

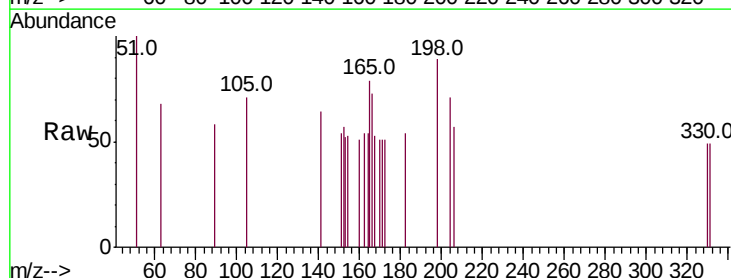
Tgt Ion:198 Resp: 237

Ion Ratio Lower Upper

198 100

51 112.3 89.4 134.2

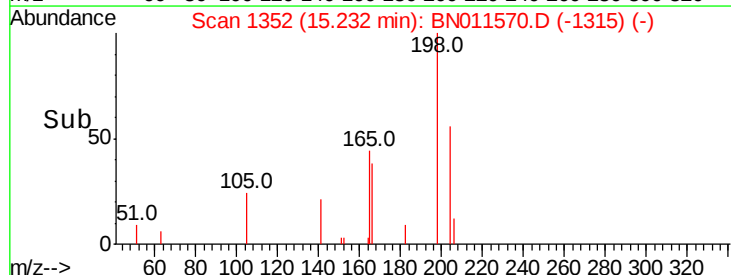
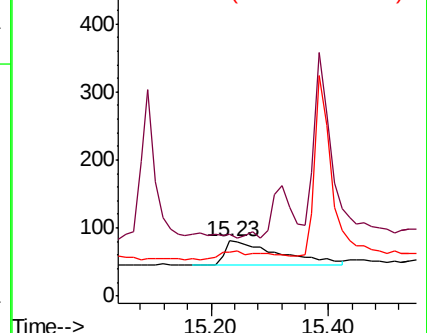
105 80.2 70.6 105.8

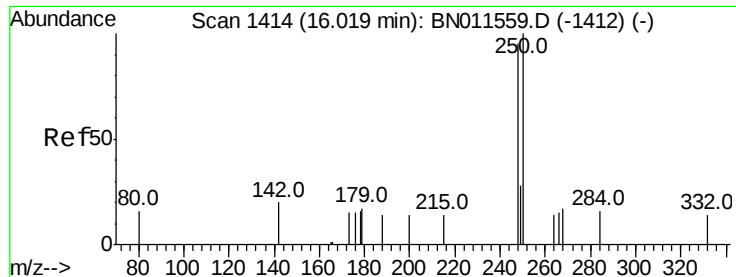


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

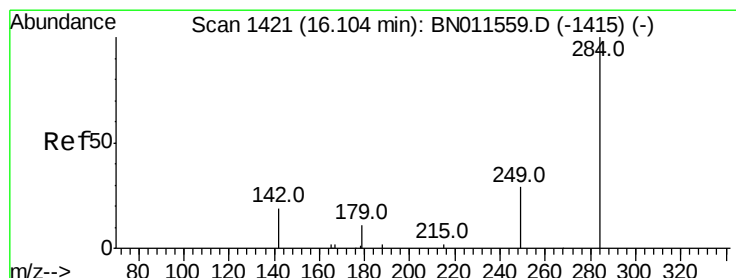
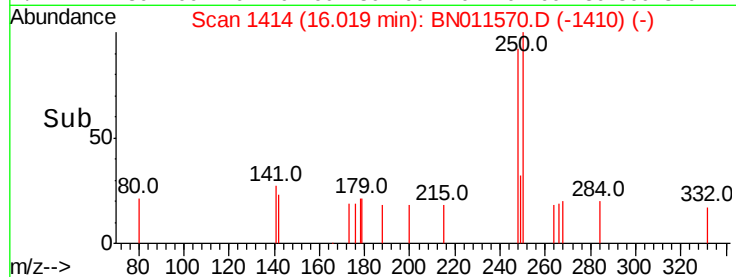
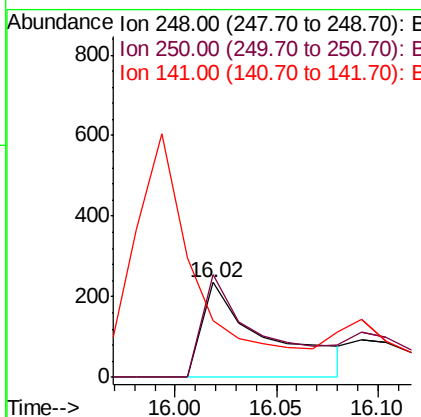
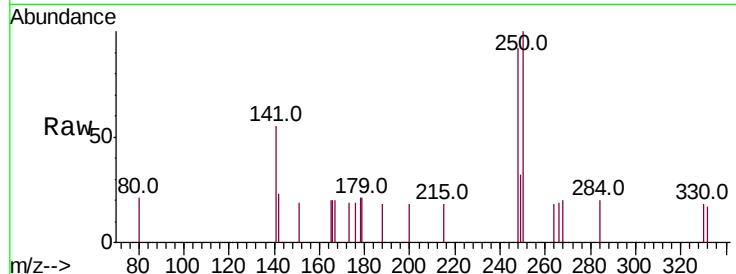




#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011570.D
Acq: 22 Aug 2020 04:16

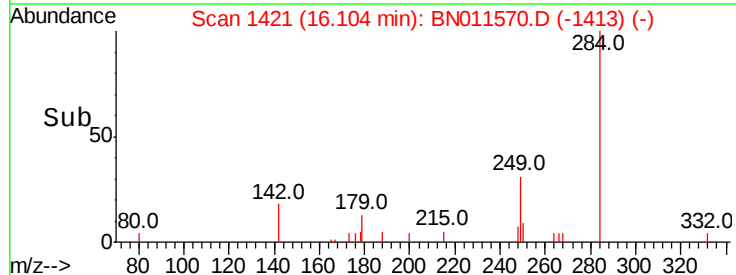
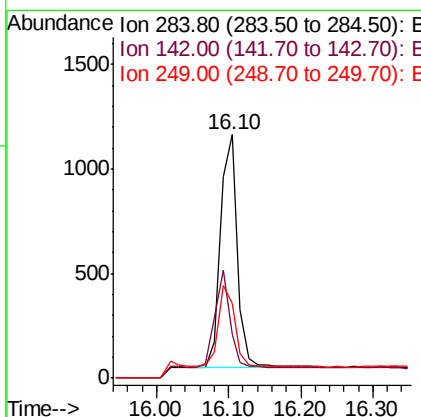
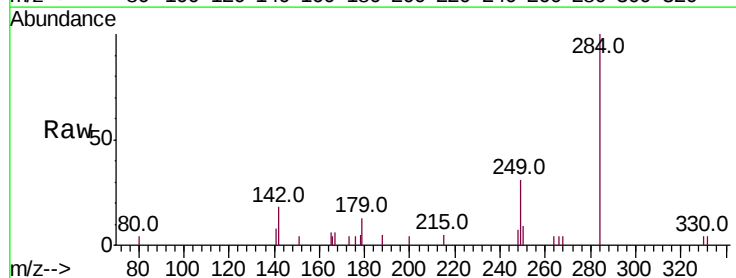
Instrument :
BNA_N
ClientSampleId :
PB131047BS

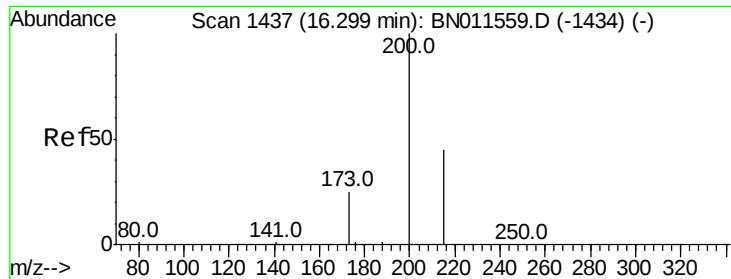
Tot Ion:248 Resp: 523
Ion Ratio Lower Upper
248 100
250 108.5 83.8 125.8
141 60.2 41.0 61.6



#22
Hexachlorobenzene
Concen: 0.359 ng
RT: 16.10 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BN011570.D
Acq: 22 Aug 2020 04:16

Tgt Ion:284 Resp: 1847
Ion Ratio Lower Upper
284 100
142 36.9 29.7 44.5
249 34.1 26.8 40.2





#23

Atrazine

Concen: 0.242 ng

RT: 16.30 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

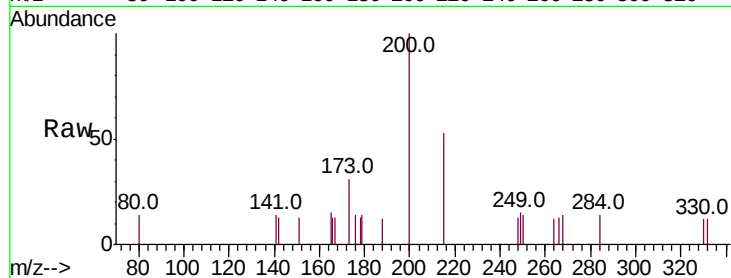
Tot Ion:200 Resp: 841

Ion Ratio Lower Upper

200 100

173 31.1 27.7 41.5

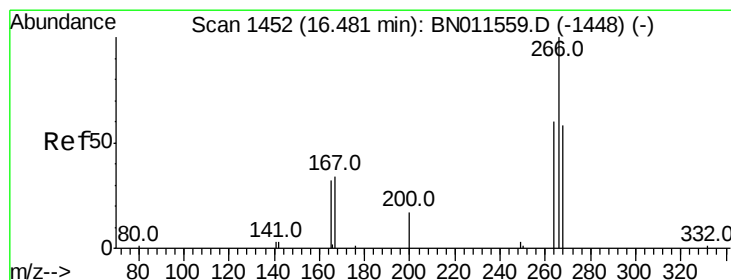
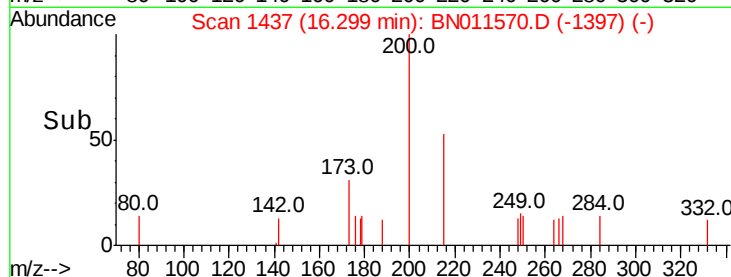
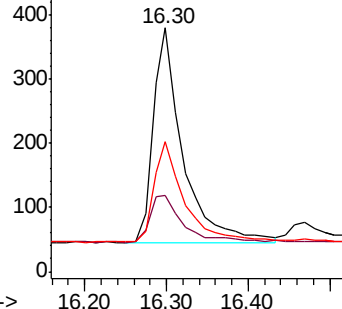
215 53.3 41.5 62.3



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: 0.287 ng

RT: 16.47 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

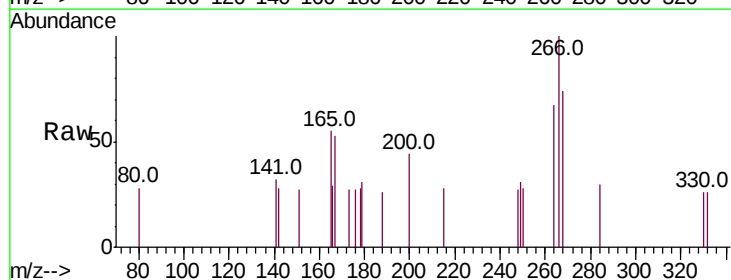
Tgt Ion:266 Resp: 459

Ion Ratio Lower Upper

266 100

264 63.8 48.7 73.1

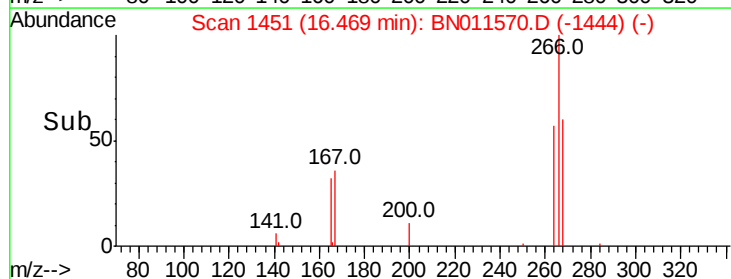
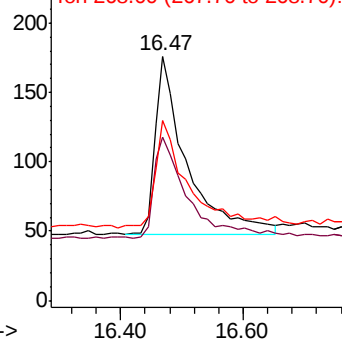
268 57.3 51.0 76.6

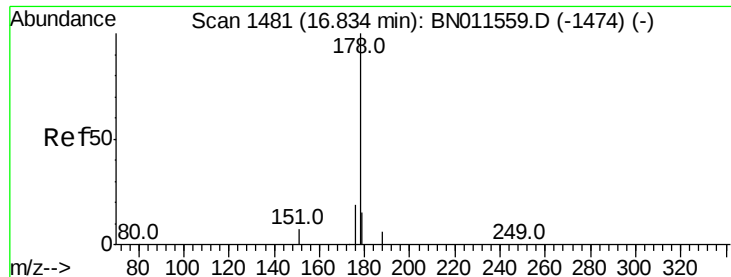


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.360 ng

RT: 16.83 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

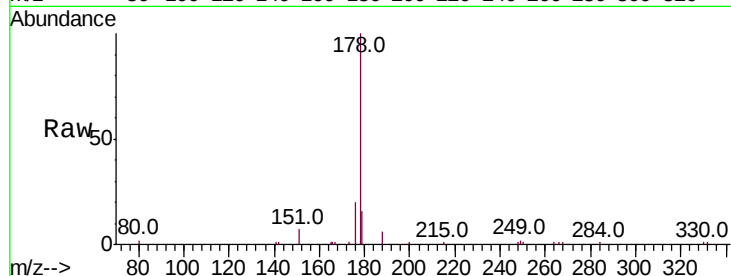
Tot Ion:178 Resp: 7562

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

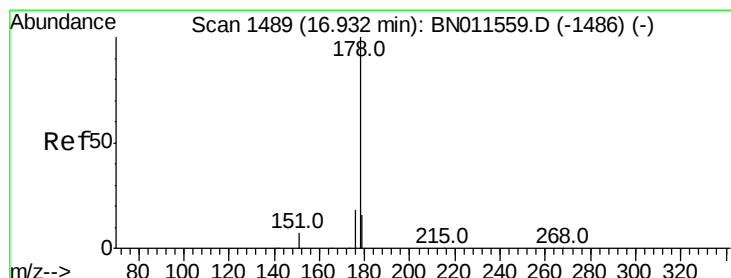
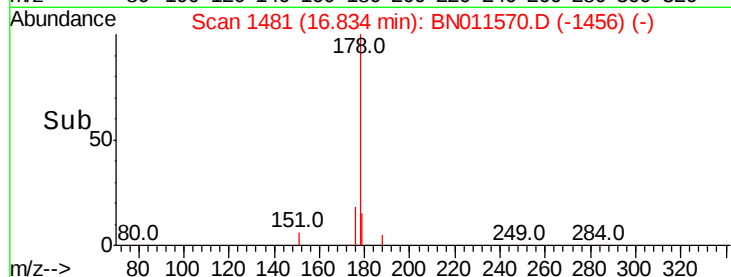
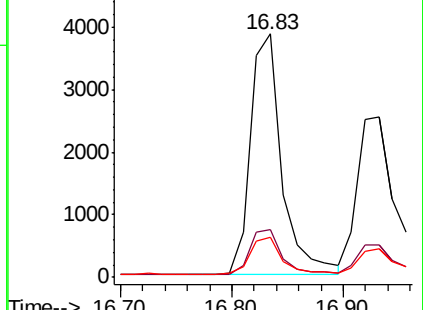
179 15.5 12.3 18.5



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: 0.343 ng

RT: 16.93 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

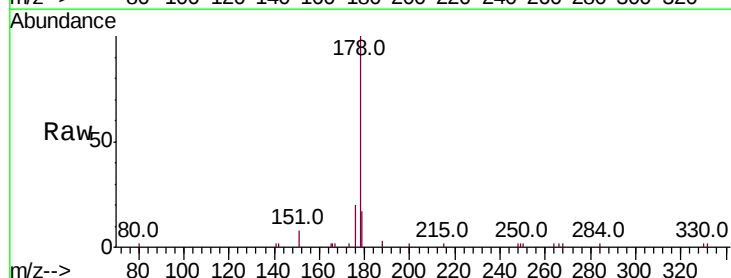
Tgt Ion:178 Resp: 6003

Ion Ratio Lower Upper

178 100

176 18.4 14.4 21.6

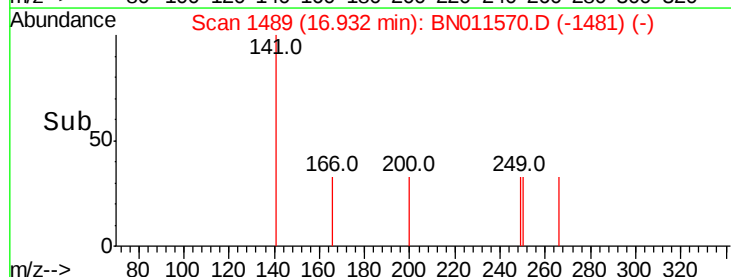
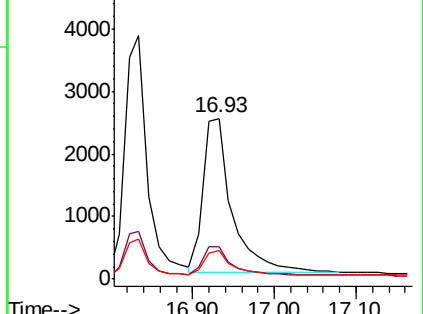
179 15.2 12.9 19.3

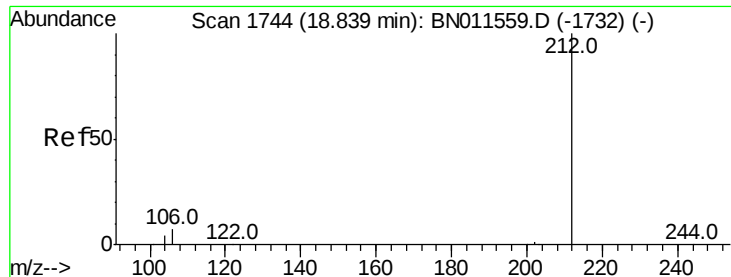


Abundance Ion 178.00 (177.70 to 178.70): E

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: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

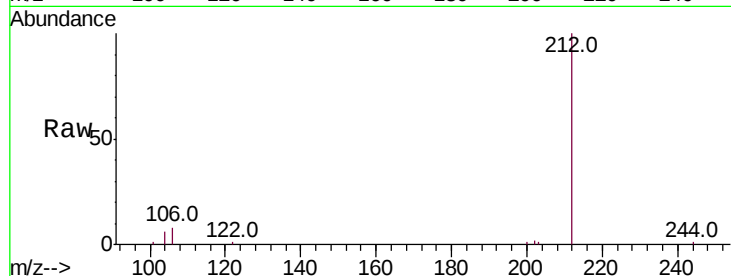
Tot Ion:212 Resp: 7283

Ion Ratio Lower Upper

212 100

106 7.6 6.2 9.2

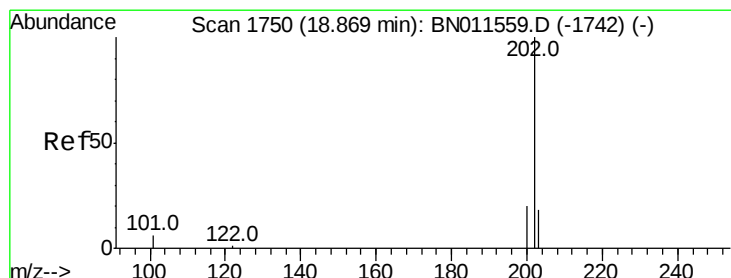
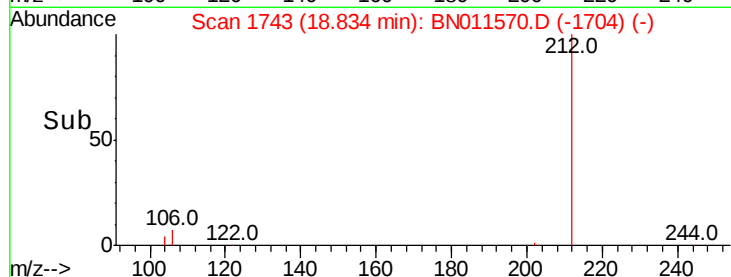
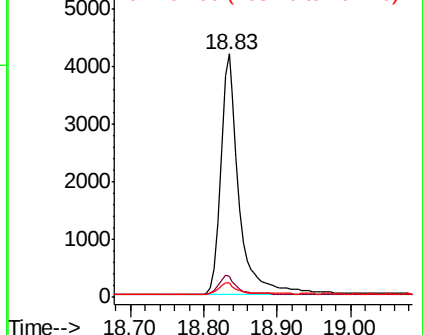
104 4.3 3.8 5.6



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: 0.327 ng

RT: 18.86 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

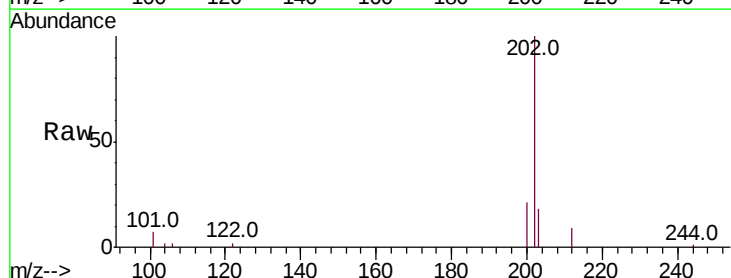
Tgt Ion:202 Resp: 8822

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

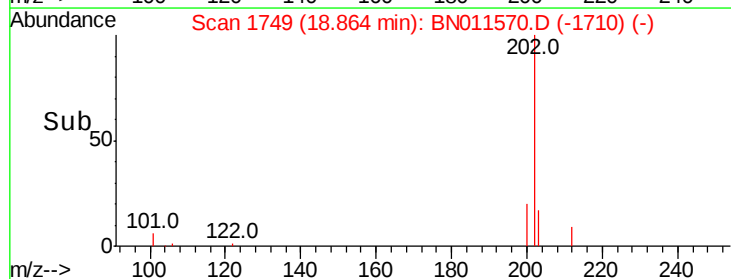
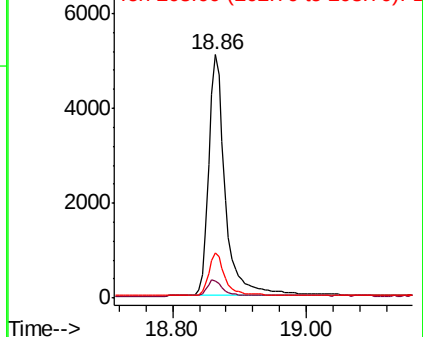
203 17.0 13.6 20.4

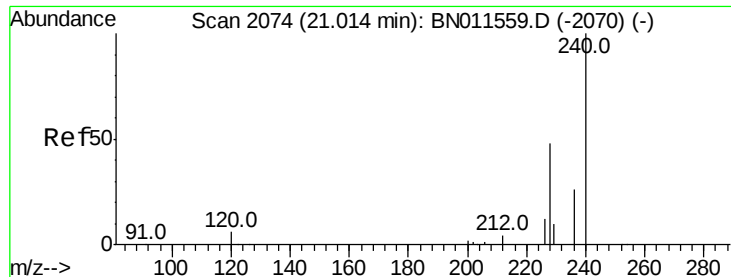


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

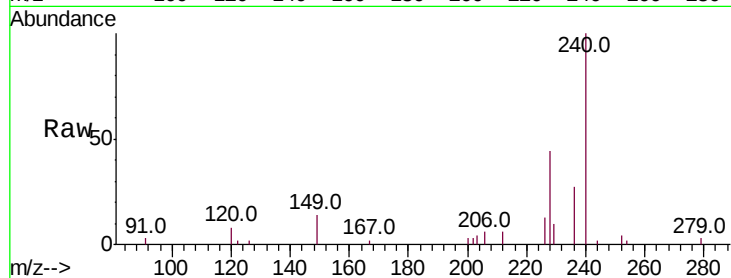
Tot Ion:240 Resp: 5777

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

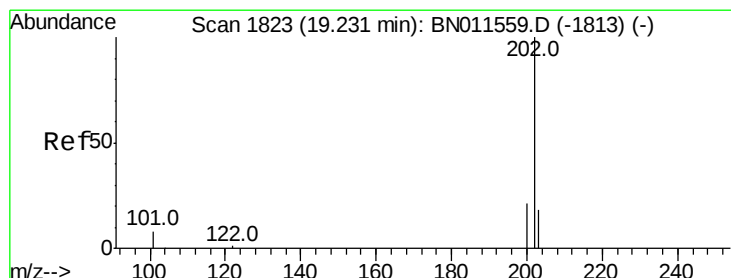
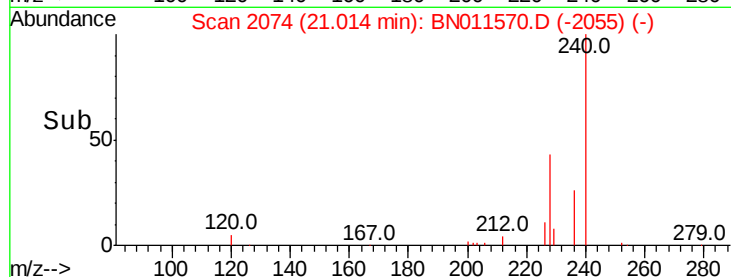
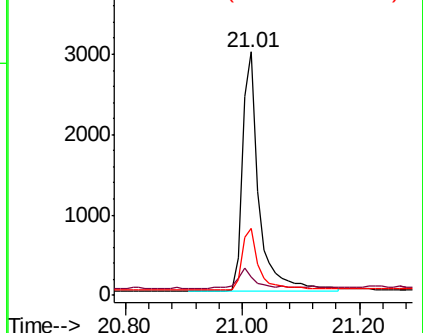
236 27.3 22.3 33.5



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: 0.376 ng

RT: 19.23 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

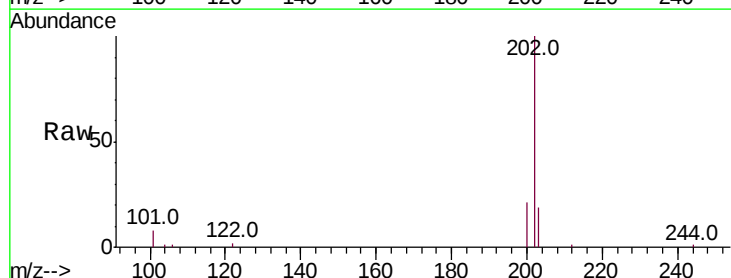
Tgt Ion:202 Resp: 8638

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

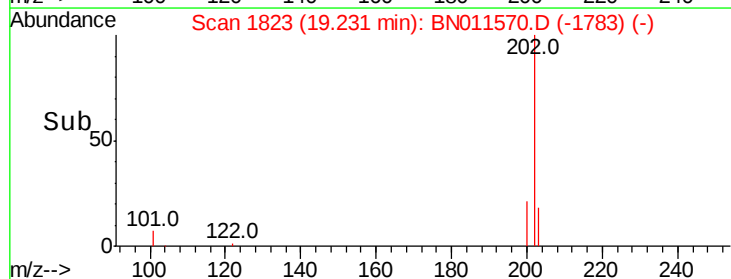
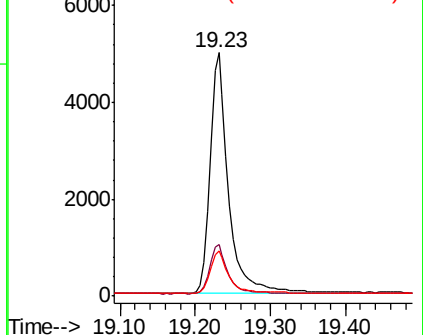
203 17.6 14.2 21.2

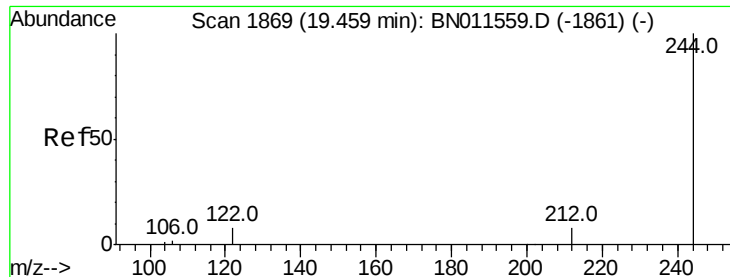


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.366 ng

RT: 19.46 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

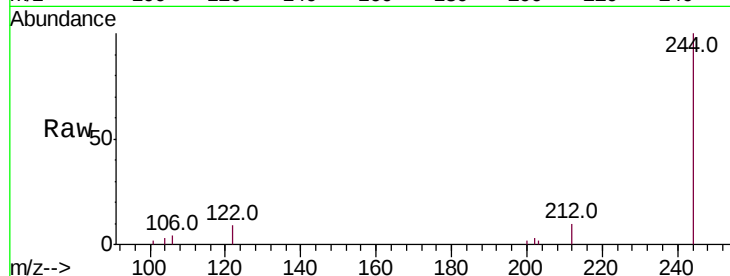
Tot Ion:244 Resp: 5519

Ion Ratio Lower Upper

244 100

212 10.5 8.2 12.4

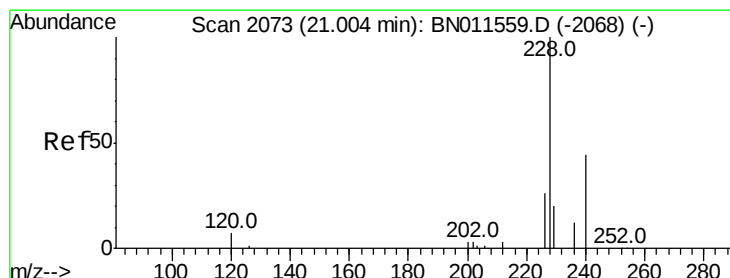
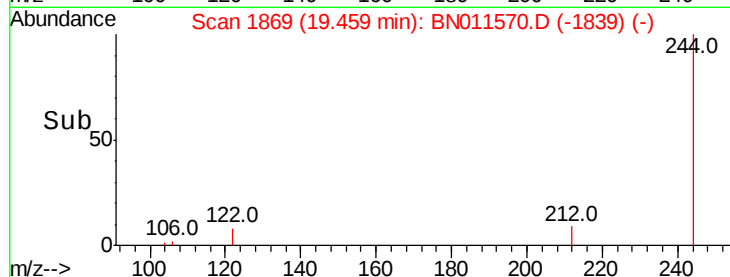
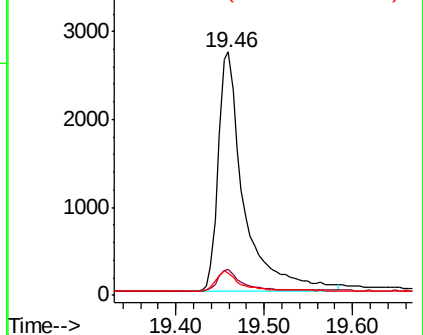
122 9.3 8.0 12.0



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: 0.342 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

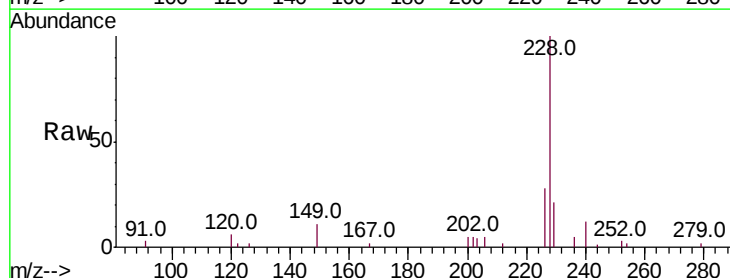
Tgt Ion:228 Resp: 6494

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.2

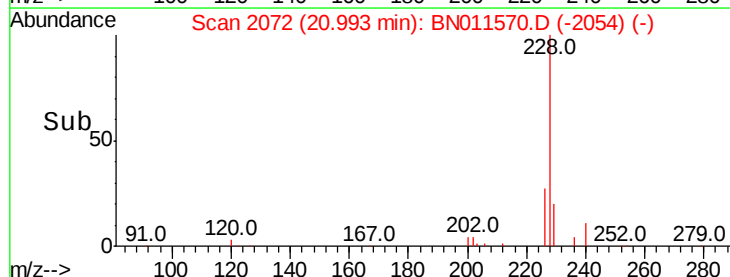
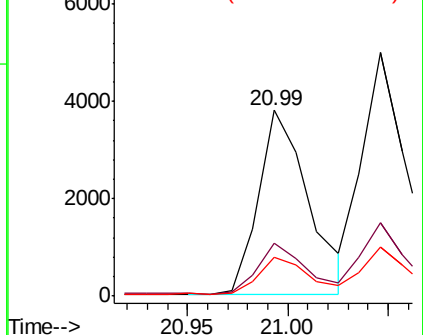
229 20.7 16.9 25.3

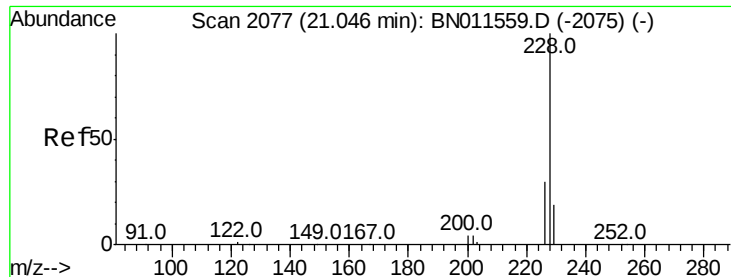


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.372 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

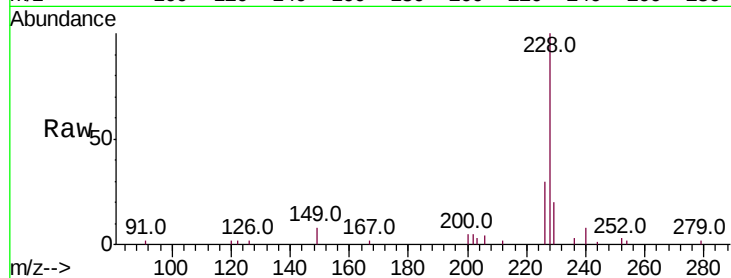
Tot Ion:228 Resp: 8034

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

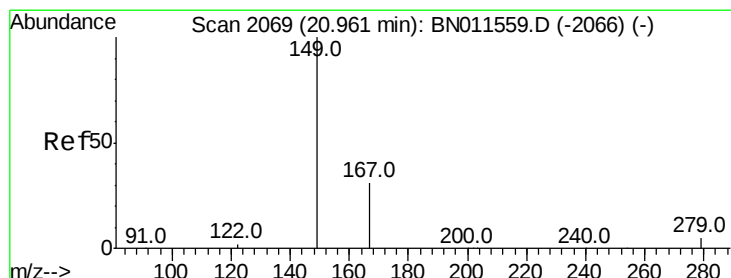
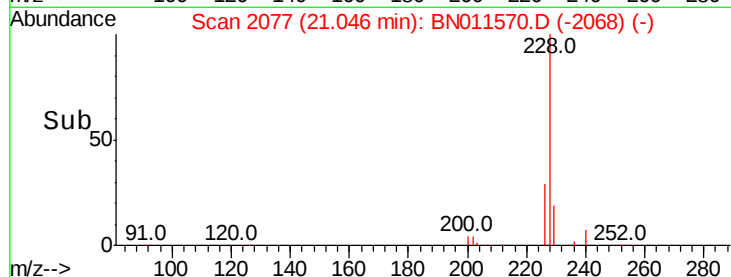
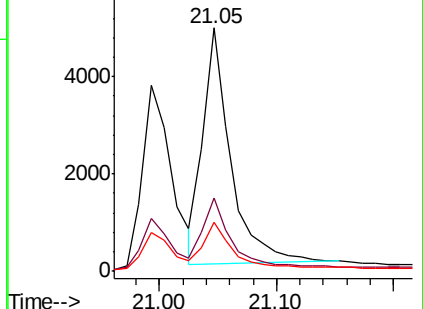
229 20.1 16.2 24.2



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: 0.336 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

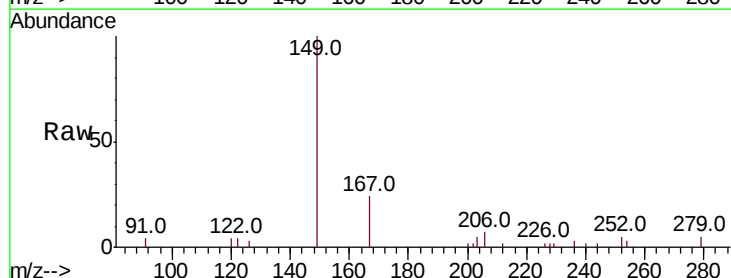
Tgt Ion:149 Resp: 2891

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

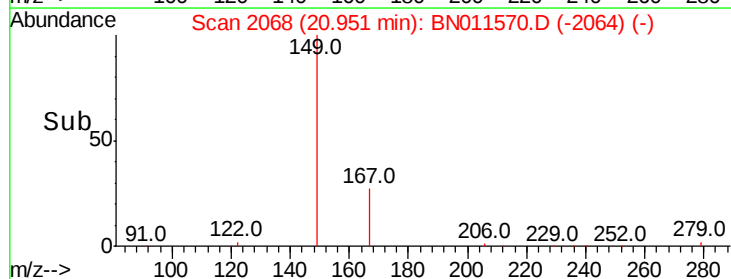
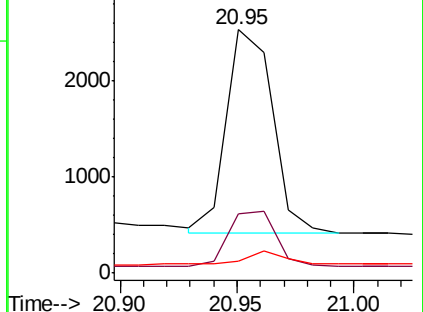
279 4.9 4.2 6.2

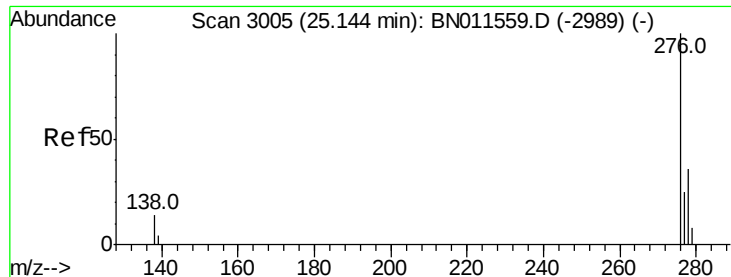


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.369 ng

RT: 25.14 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

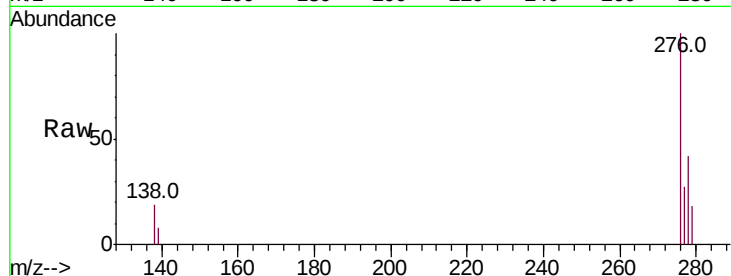
Tot Ion:276 Resp: 7234

Ion Ratio Lower Upper

276 100

138 13.9 11.6 17.4

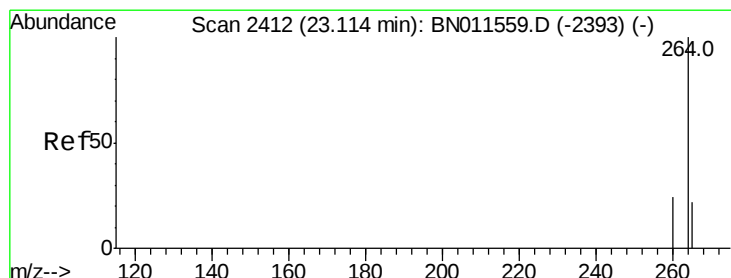
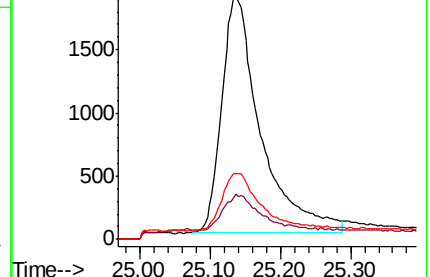
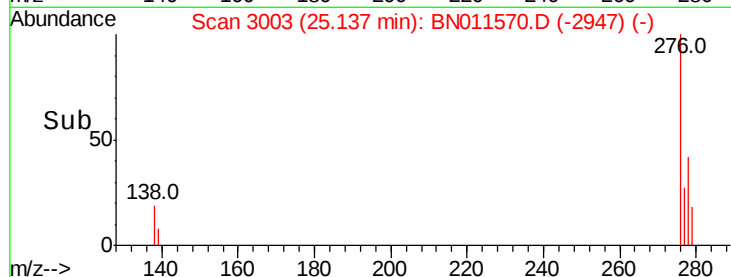
277 24.3 18.2 27.4



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# 2410

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

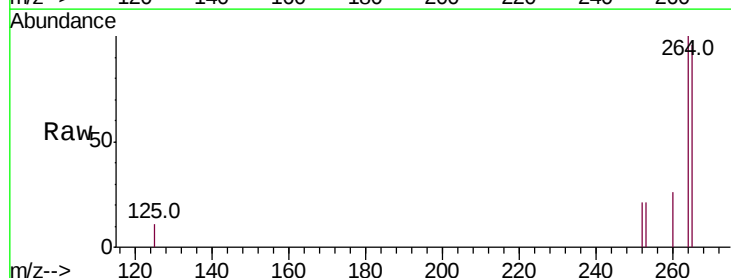
Tgt Ion:264 Resp: 5015

Ion Ratio Lower Upper

264 100

260 26.5 20.3 30.5

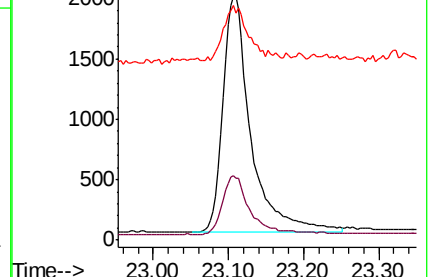
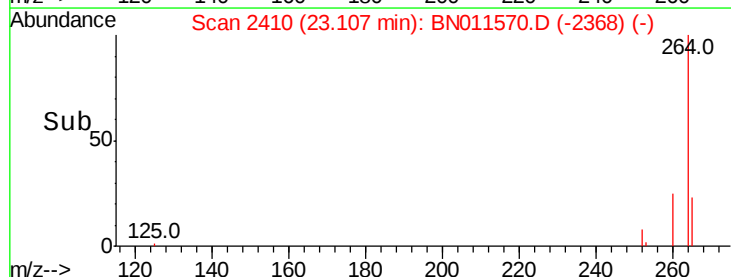
265 96.1 96.1 144.1

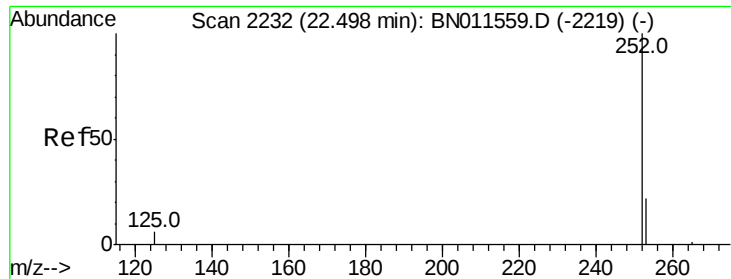


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

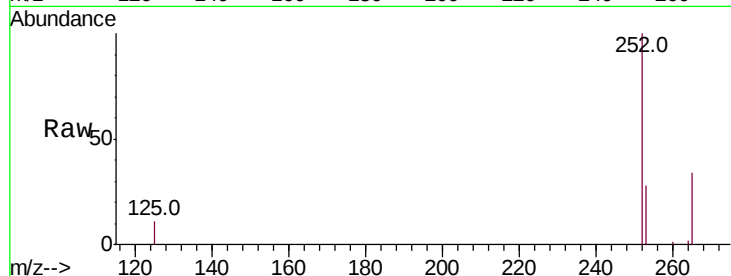




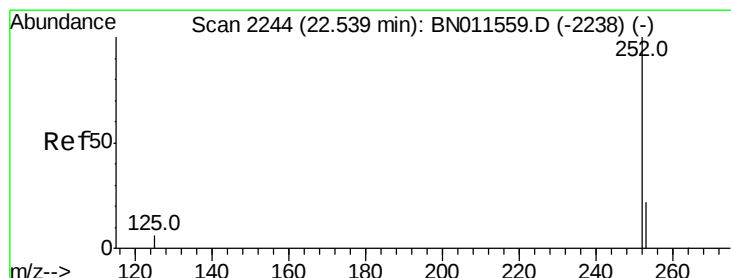
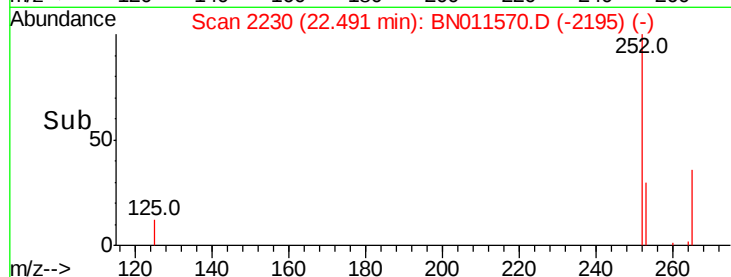
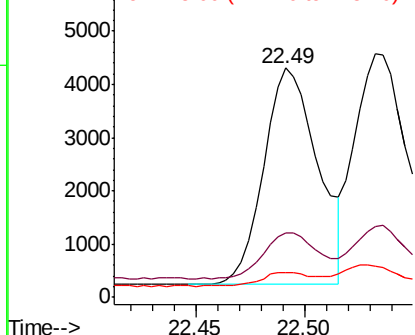
#37
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.49 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN011570.D
Acq: 22 Aug 2020 04:16

Instrument :
BNA_N
ClientSampleId :
PB131047BS

Tot Ion:252 Resp: 6986
Ion Ratio Lower Upper
252 100
253 28.3 25.5 38.3
125 10.9 10.2 15.4

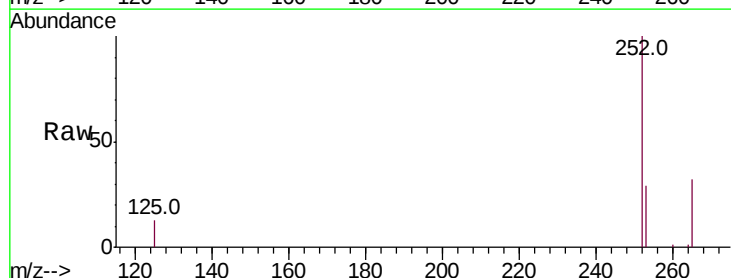


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

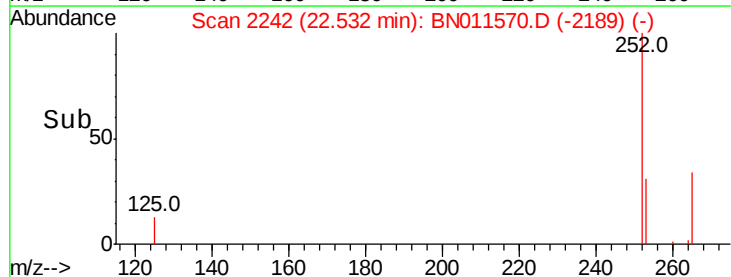
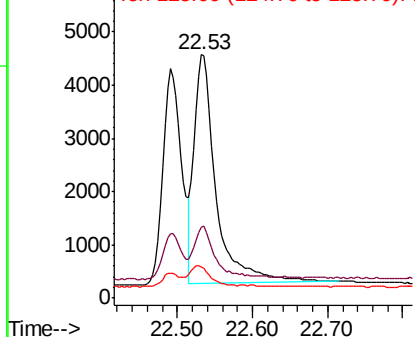


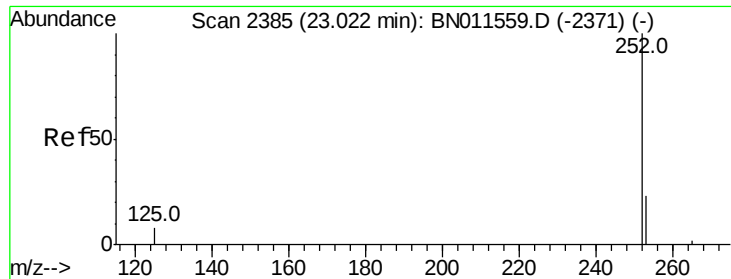
#38
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN011570.D
Acq: 22 Aug 2020 04:16

Tgt Ion:252 Resp: 8843
Ion Ratio Lower Upper
252 100
253 29.1 25.8 38.6
125 12.5 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: 0.358 ng

RT: 23.02 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

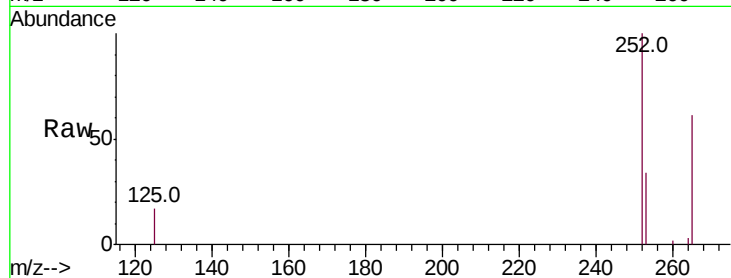
Tot Ion:252 Resp: 6133

Ion Ratio Lower Upper

252 100

253 34.0 31.8 47.8

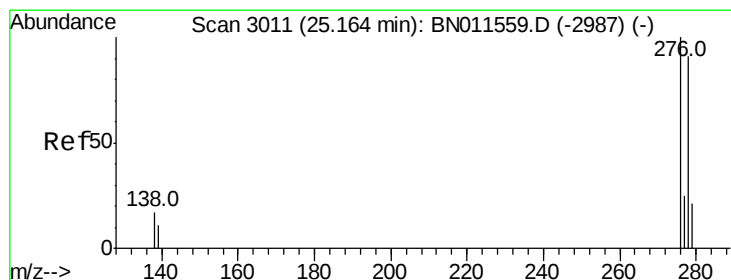
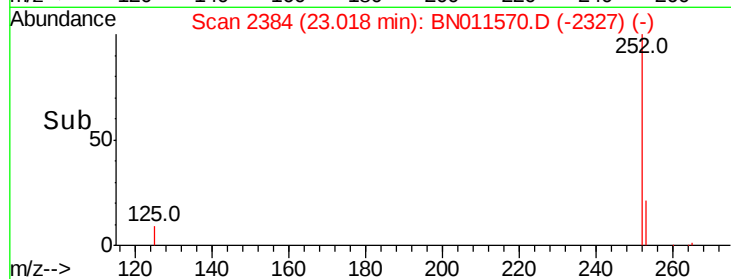
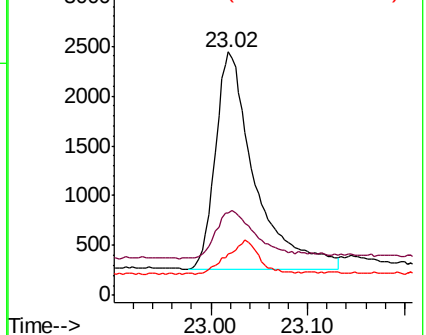
125 16.9 15.4 23.0



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: 0.400 ng

RT: 25.16 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

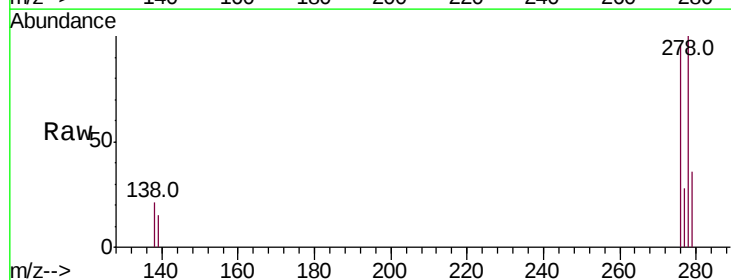
Tgt Ion:278 Resp: 5735

Ion Ratio Lower Upper

278 100

139 15.0 14.0 21.0

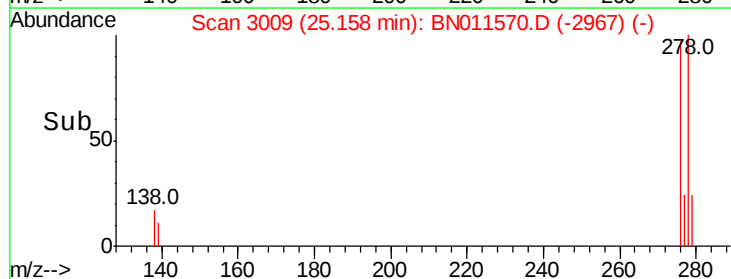
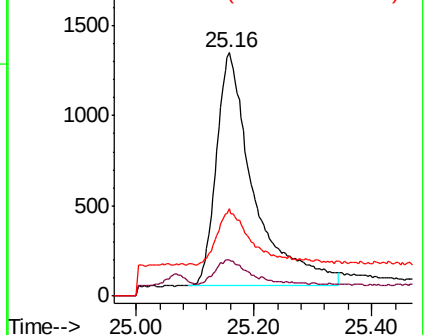
279 35.9 32.4 48.6

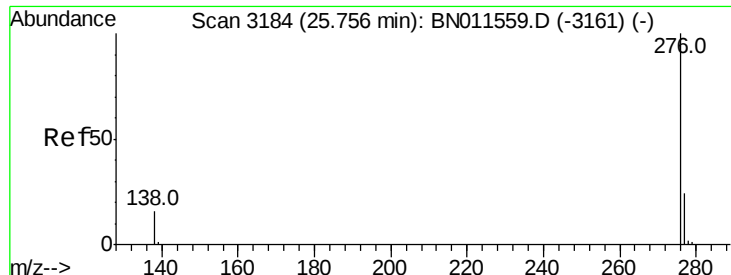


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.393 ng

RT: 25.75 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN011570.D

Acq: 22 Aug 2020 04:16

Instrument :

BNA_N

ClientSampleId :

PB131047BS

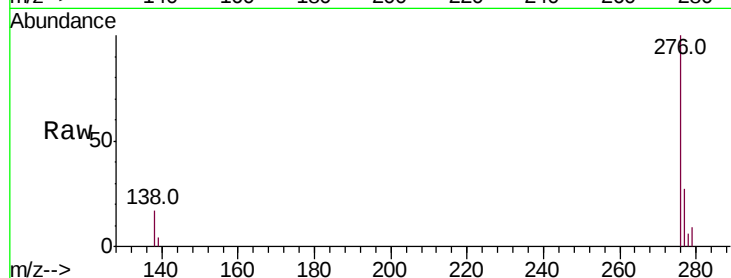
Tot Ion:276 Resp: 6724

Ion Ratio Lower Upper

276 100

277 26.5 22.1 33.1

138 17.1 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

