

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011571.D
 Acq On : 22 Aug 2020 04:52
 Operator : CG/JU
 Sample : PB131047BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BSD

Quant Time: Aug 22 05:51:21 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	7.39	152	1431	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	4783	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	2872	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7179	0.40	ng	0.00
29) Chrysene-d12	21.01	240	7073	0.40	ng	0.00
36) Perylene-d12	23.10	264	6471	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	1033	0.34	ng	0.00
5) Phenol-d6	6.62	99	1030	0.33	ng	0.00
8) Nitrobenzene-d5	8.55	82	995	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2891	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	502	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	4696	0.40	ng	-0.01
27) Fluoranthene-d10	18.83	212	8034	0.33	ng	0.00
31) Terphenyl-d14	19.46	244	6130	0.33	ng	0.00

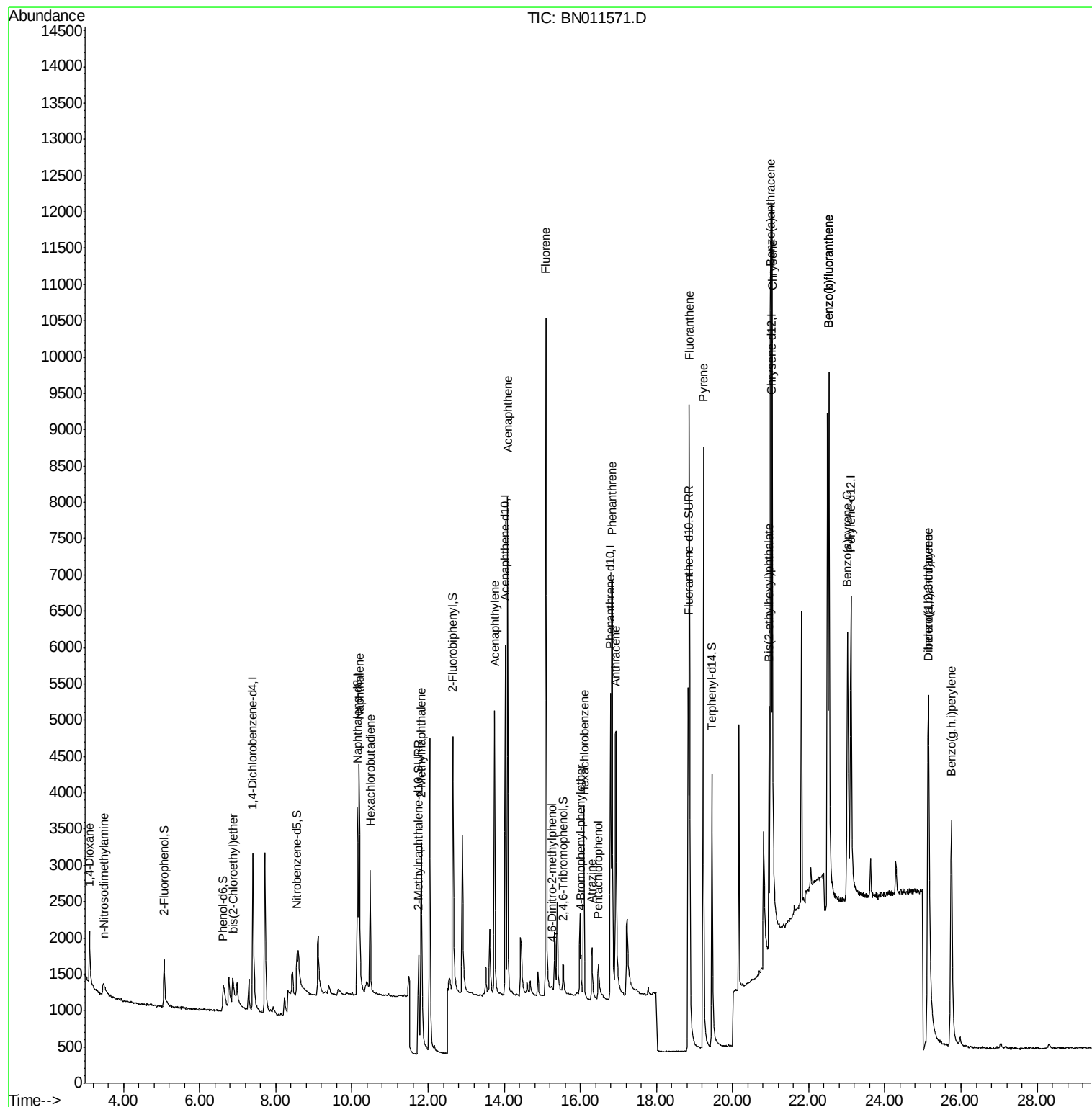
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	809	0.414	ng	# 100
3) n-Nitrosodimethylamine	3.47	42	225	0.279	ng	# 92
6) bis(2-Chloroethyl)ether	6.87	93	959	0.318	ng	98
9) Naphthalene	10.19	128	5114	0.369	ng	98
10) Hexachlorobutadiene	10.48	225	1412	0.364	ng	# 100
12) 2-Methylnaphthalene	11.82	142	3292	0.345	ng	98
16) Acenaphthylene	13.75	152	5541	0.379	ng	100
17) Acenaphthene	14.09	154	3529	0.368	ng	100
18) Fluorene	15.09	166	4815	0.380	ng	99
20) 4,6-Dinitro-2-methylphenol	15.25	198	275	0.367	ng	94
21) 4-Bromophenyl-phenylether	16.02	248	529	0.337	ng	99
22) Hexachlorobenzene	16.10	284	2120	0.383	ng	97
23) Atrazine	16.30	200	997	0.267	ng	96
24) Pentachlorophenol	16.47	266	518	0.300	ng	97
25) Phenanthrene	16.83	178	7980	0.353	ng	99
26) Anthracene	16.93	178	6234	0.331	ng	99
28) Fluoranthene	18.86	202	9773	0.336	ng	99
30) Pvrene	19.23	202	9426	0.335	ng	100
32) Benzo(a)anthracene	20.99	228	8136	0.350	ng	99
33) Chrysene	21.05	228	9492	0.359	ng	99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3486	0.331	ng	99
35) Indeno(1,2,3-cd)pyrene	25.13	276	8737	0.364	ng	99
37) Benzo(b)fluoranthene	22.53	252	10892	0.455	ng	94
38) Benzo(k)fluoranthene	22.53	252	11362	0.399	ng	94
39) Benzo(a)pyrene	23.01	252	7878	0.356	ng	# 88
40) Dibenzo(a,h)anthracene	25.15	278	6635	0.358	ng	90
41) Benzo(g,h,i)perylene	25.75	276	7599	0.344	ng	96

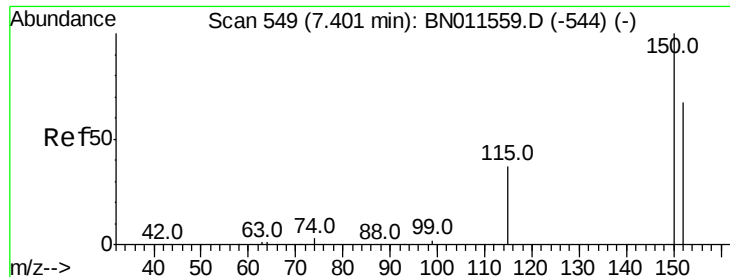
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 548

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

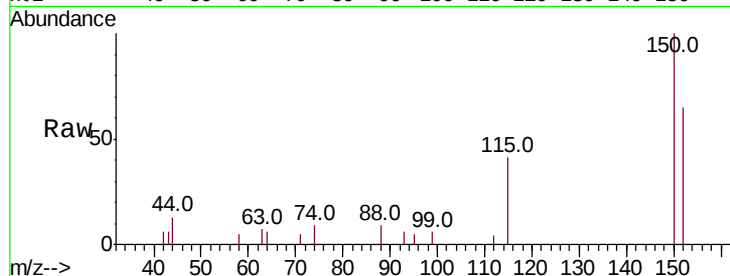
Tot Ion:152 Resp: 1431

Ion Ratio Lower Upper

152 100

150 152.8 117.1 175.7

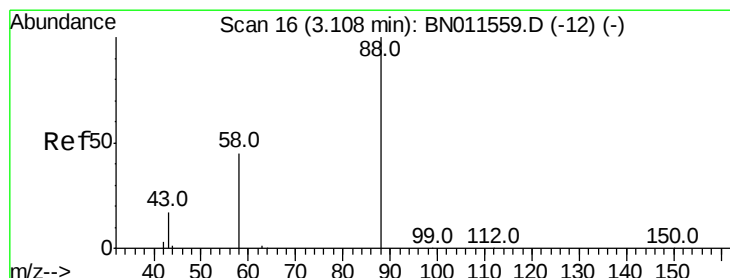
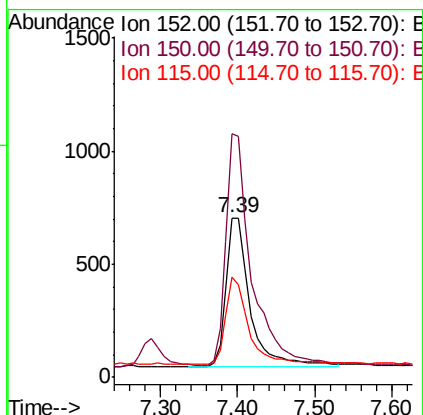
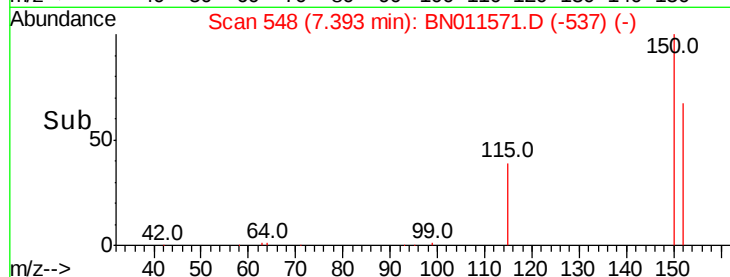
115 63.0 48.7 73.1



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: 0.414 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

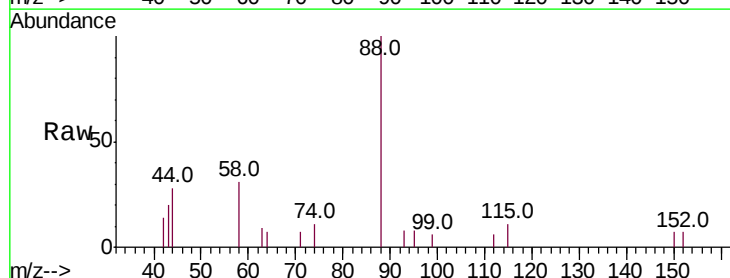
Tgt Ion: 88 Resp: 809

Ion Ratio Lower Upper

88 100

58 42.4 0.0 0.0#

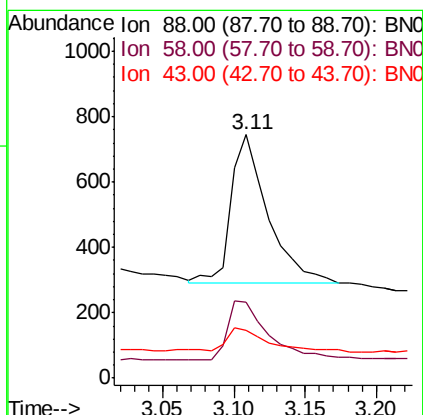
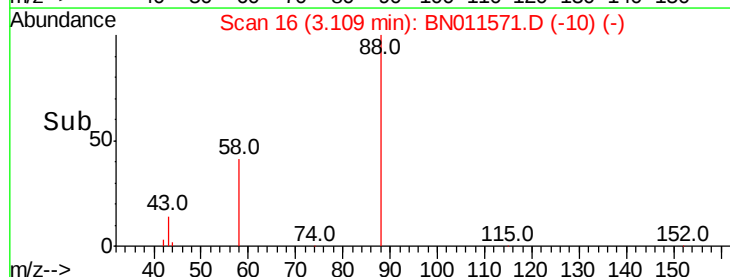
43 14.3 0.0 0.0#

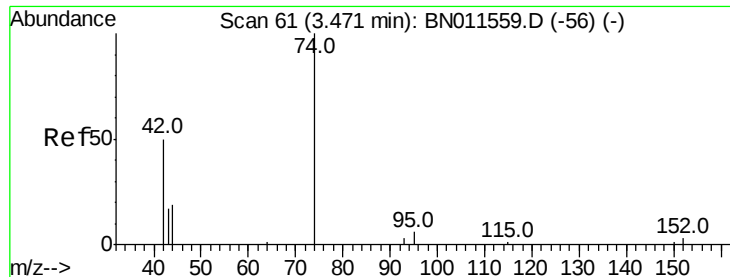


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.279 ng

RT: 3.47 min Scan# 61

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

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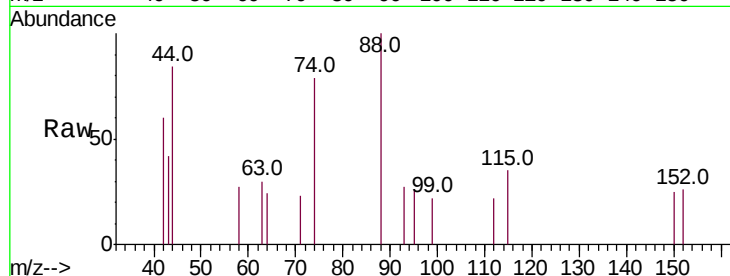
Tot Ion: 42 Resp: 225

Ion Ratio Lower Upper

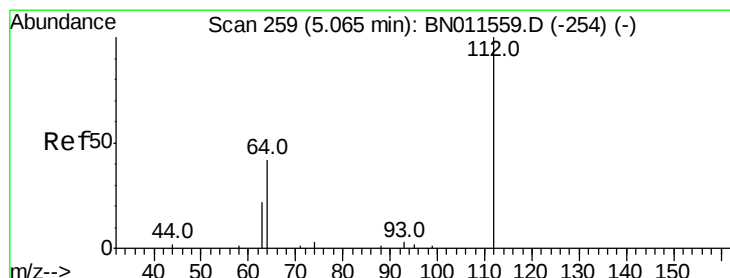
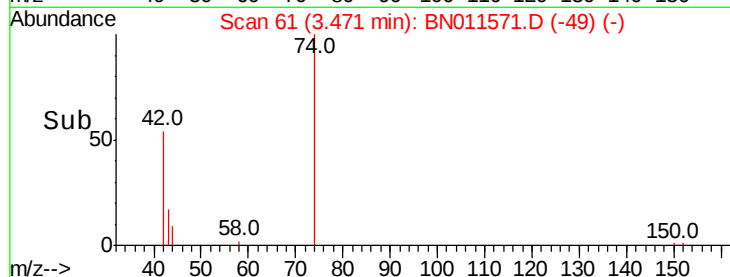
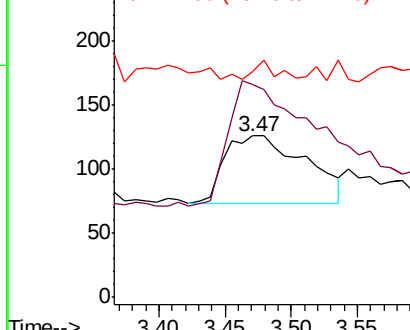
42 100

74 218.7 169.0 253.4

44 7.6 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



#4

2-Fluorophenol

Concen: 0.338 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

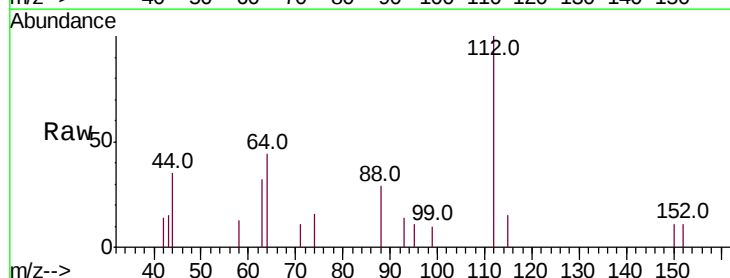
Tgt Ion: 112 Resp: 1033

Ion Ratio Lower Upper

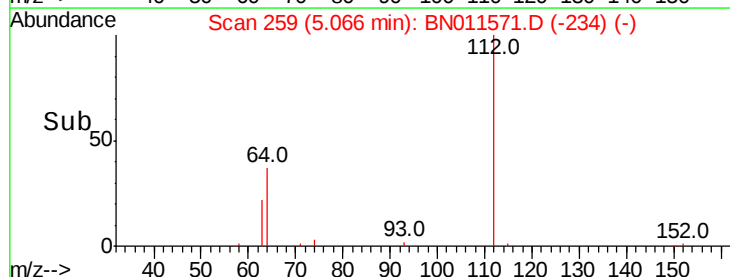
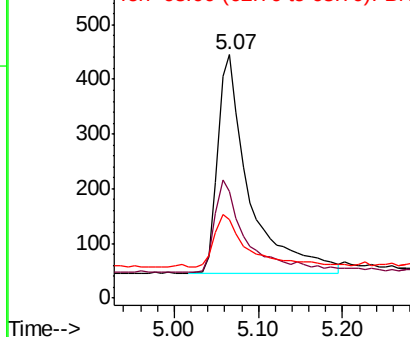
112 100

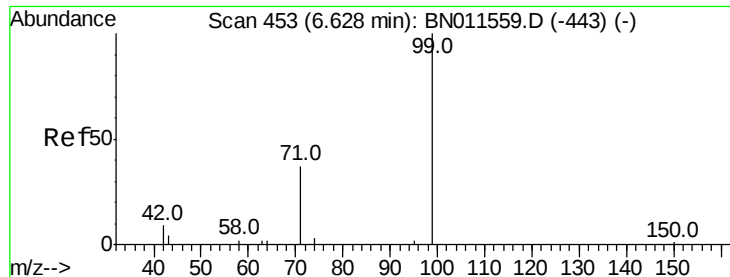
64 44.4 33.9 50.9

63 25.1 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





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.62 min Scan# 452

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

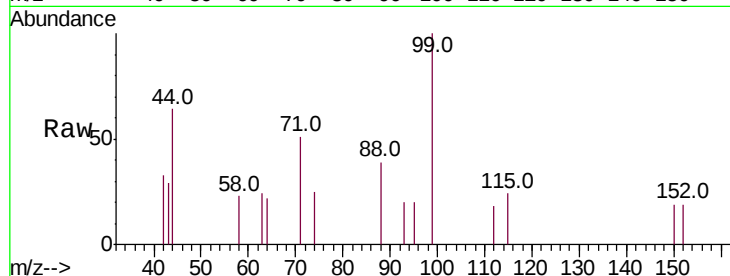
Tot Ion: 99 Resp: 1030

Ion Ratio Lower Upper

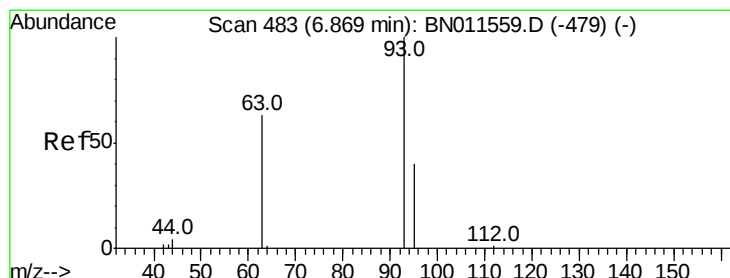
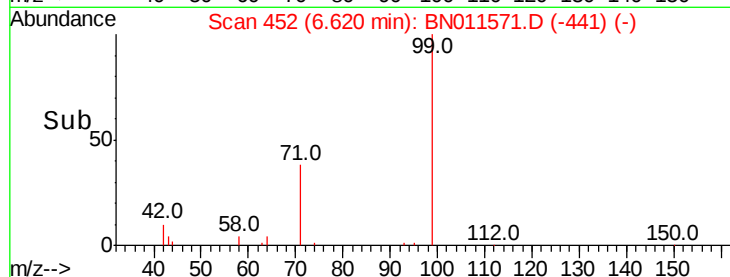
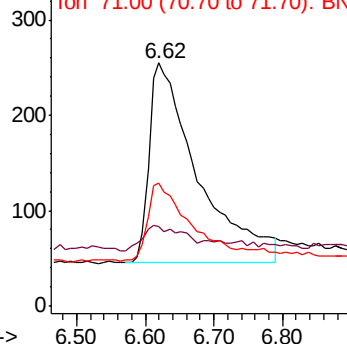
99 100

42 12.8 9.0 13.4

71 37.7 30.4 45.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.318 ng

RT: 6.87 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

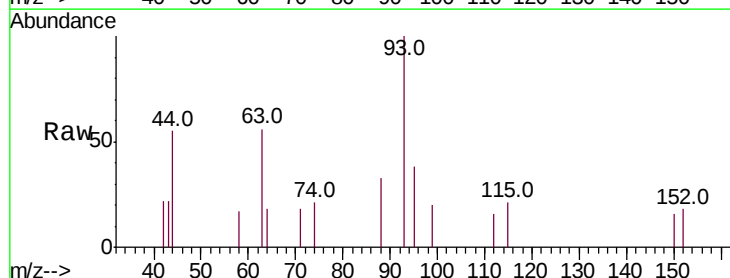
Tgt Ion: 93 Resp: 959

Ion Ratio Lower Upper

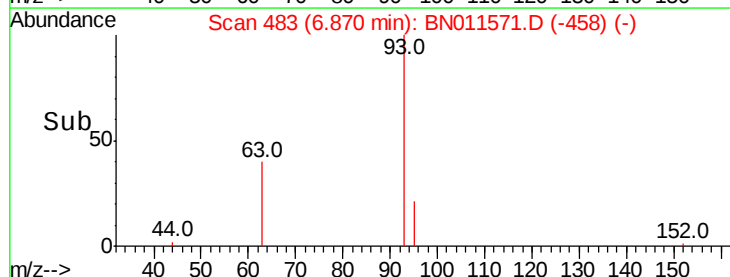
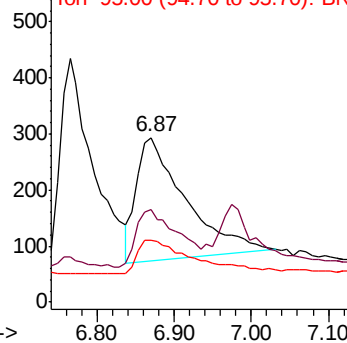
93 100

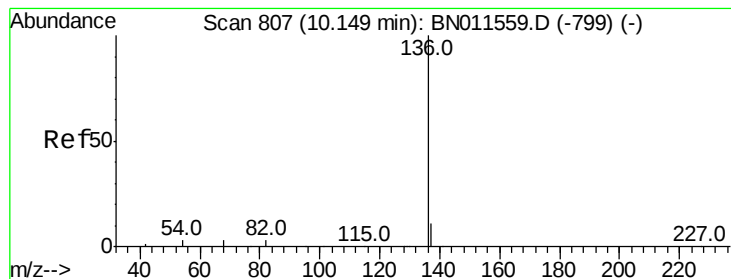
63 41.0 32.9 49.3

95 33.5 25.3 37.9



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

Tot Ion:136 Resp: 4783

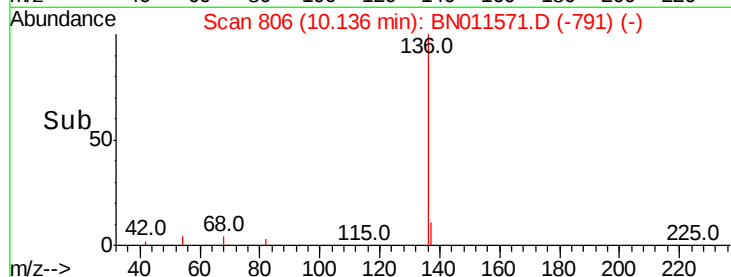
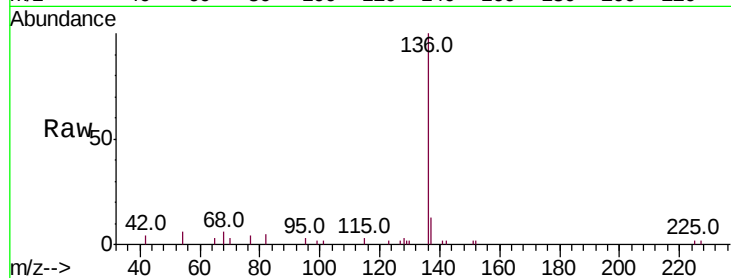
Ion Ratio Lower Upper

136 100

137 13.0 11.0 16.4

54 6.1 4.3 6.5

68 6.0 4.9 7.3

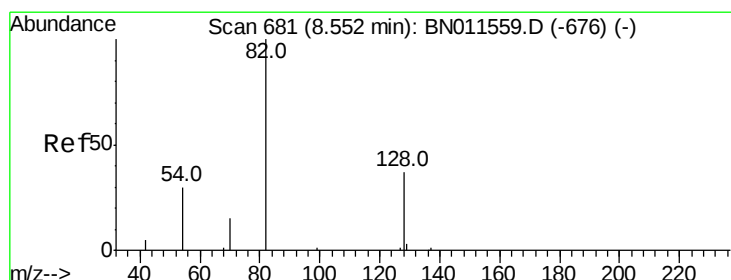
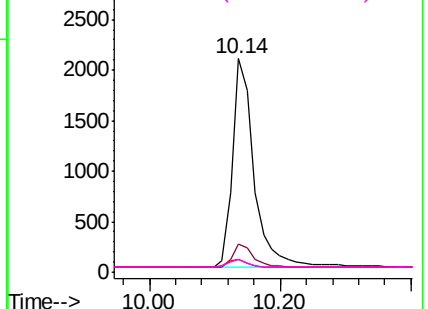


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 8.55 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

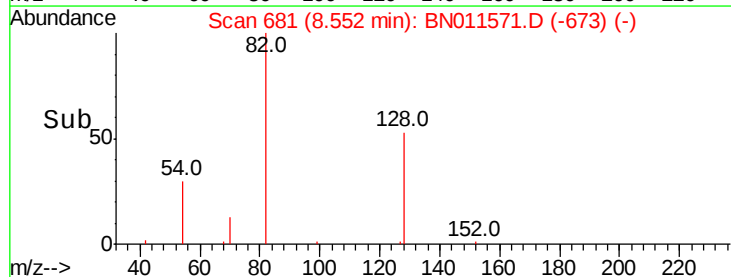
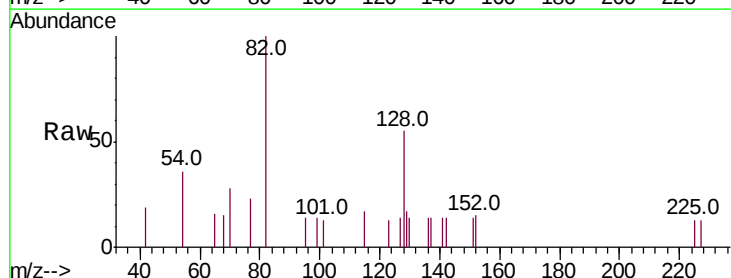
Tgt Ion: 82 Resp: 995

Ion Ratio Lower Upper

82 100

128 54.6 41.7 62.5

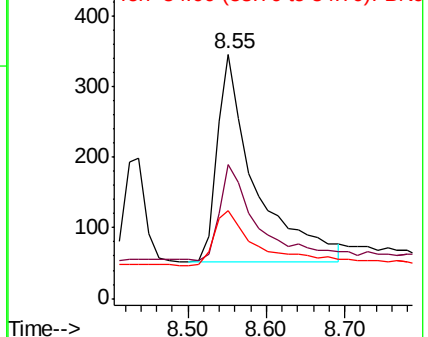
54 36.1 34.4 51.6

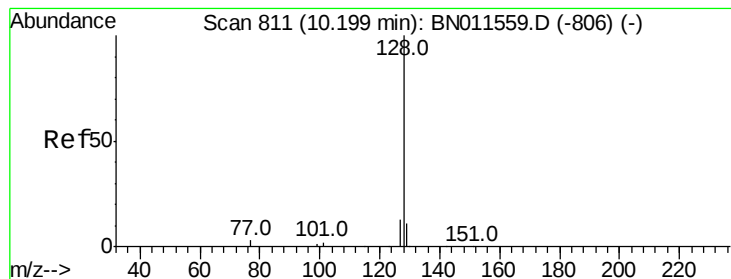


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.369 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

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PB131047BSD

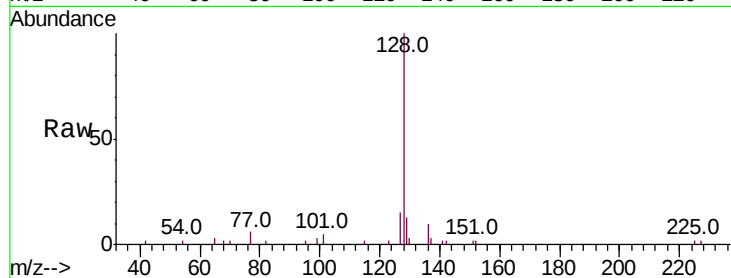
Tot Ion:128 Resp: 5114

Ion Ratio Lower Upper

128 100

129 12.8 10.8 16.2

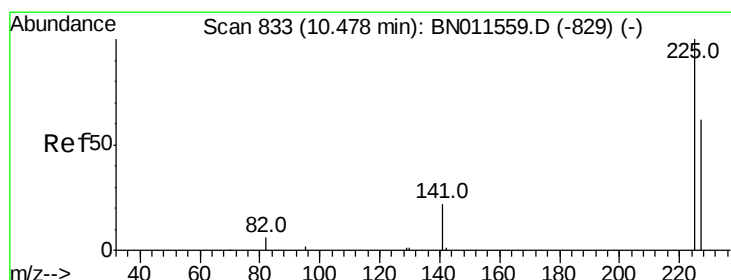
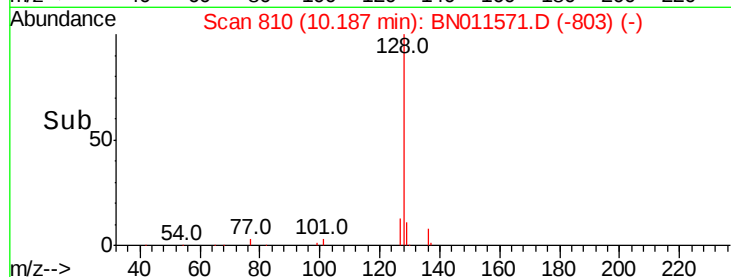
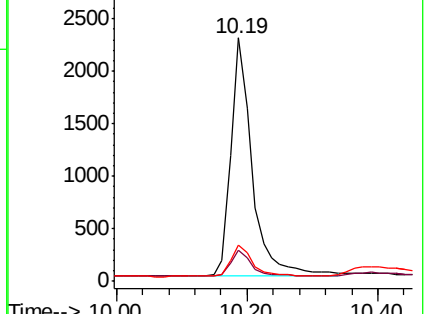
127 14.8 12.3 18.5



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: 0.364 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

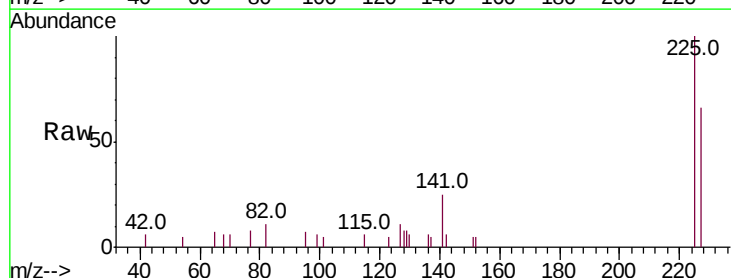
Tgt Ion:225 Resp: 1412

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

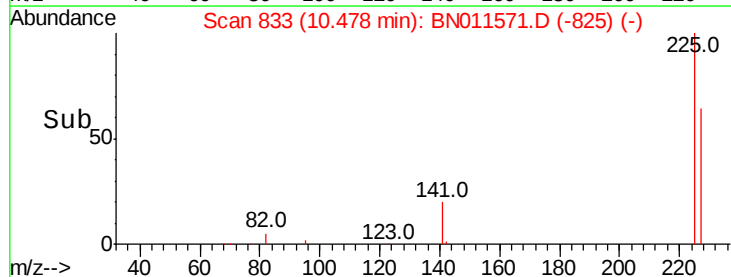
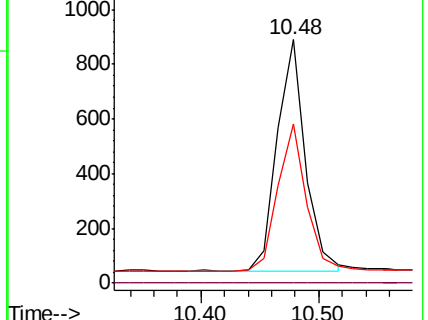
227 64.0 51.3 76.9

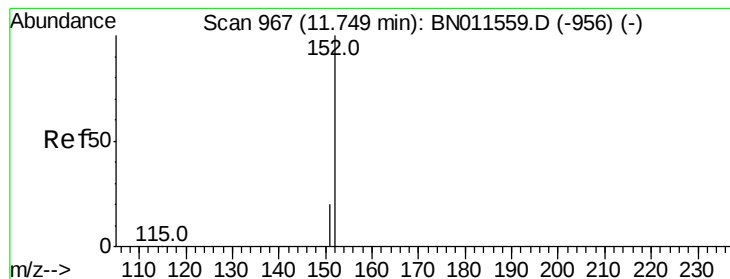


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 11.74 min Scan# 966

Delta R.T. -0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

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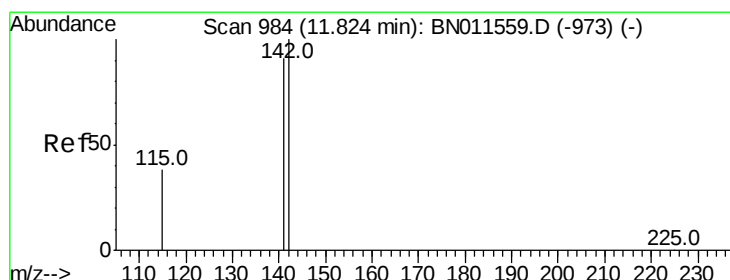
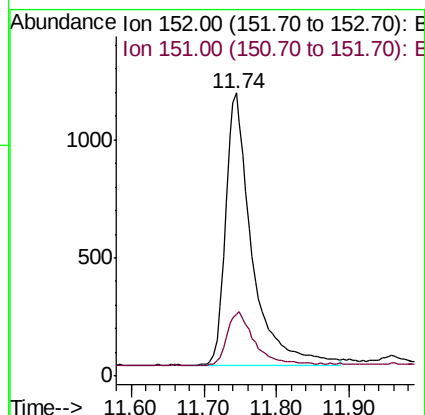
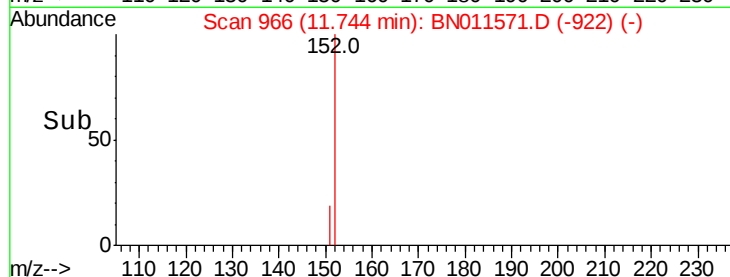
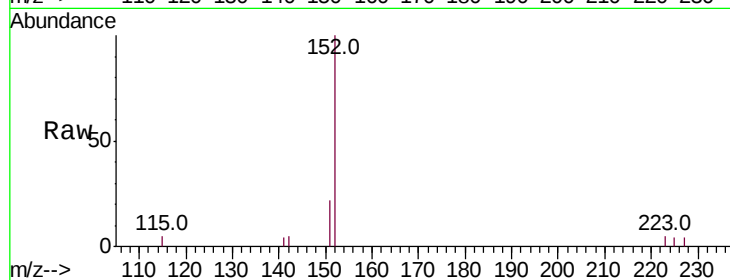
PB131047BSD

Tot Ion:152 Resp: 2891

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8



#12

2-Methylnaphthalene

Concen: 0.345 ng

RT: 11.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

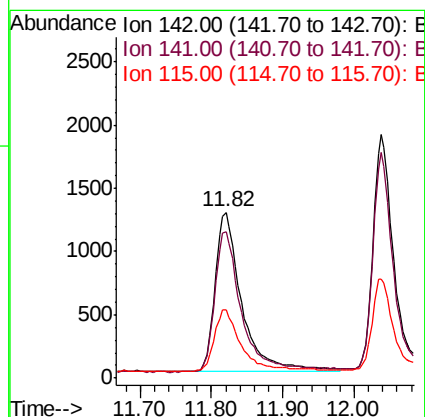
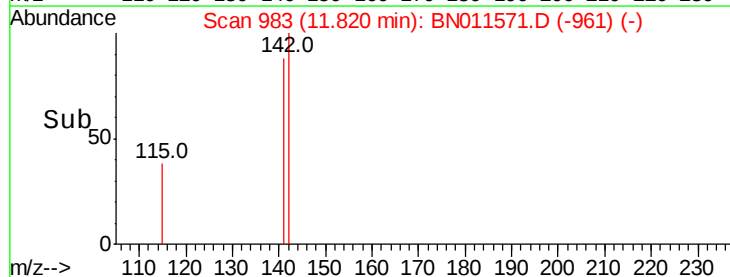
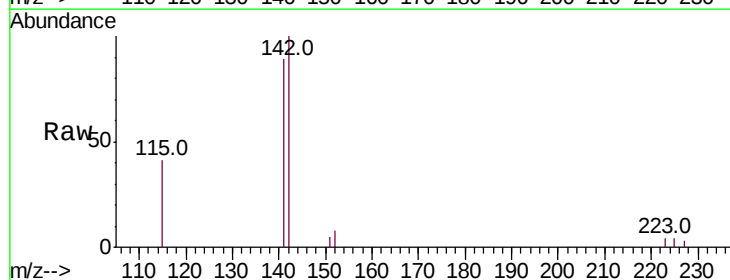
Tgt Ion:142 Resp: 3292

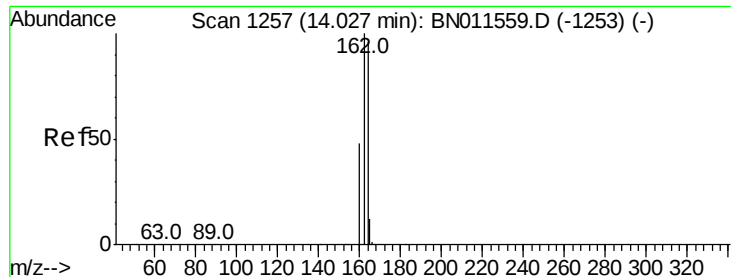
Ion Ratio Lower Upper

142 100

141 88.6 73.0 109.6

115 40.8 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

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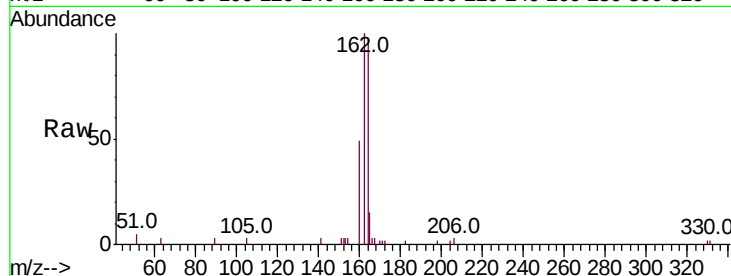
Tot Ion:164 Resp: 2872

Ion Ratio Lower Upper

164 100

162 103.6 83.7 125.5

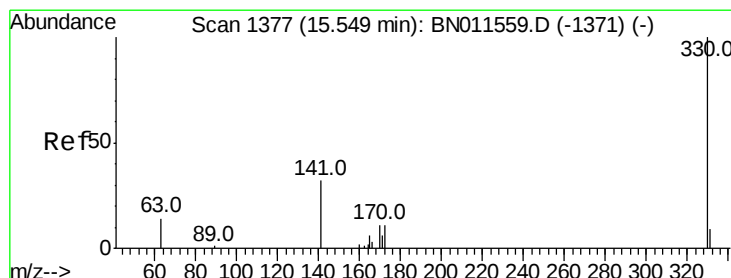
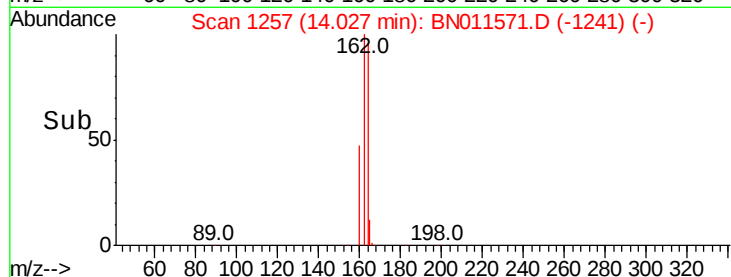
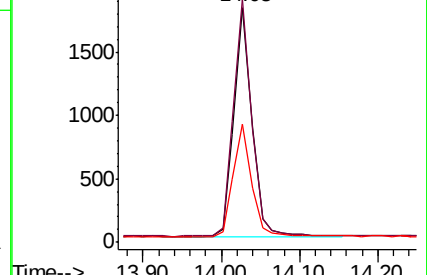
160 50.4 41.1 61.7



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: 0.351 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

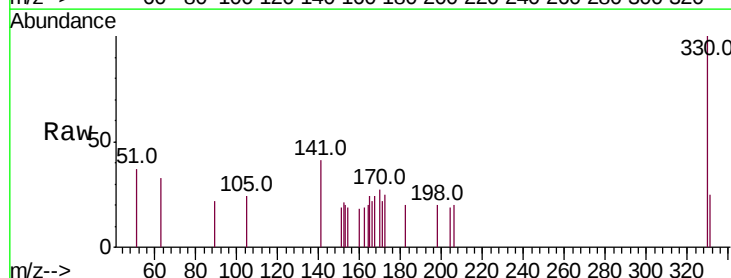
Tgt Ion:330 Resp: 502

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

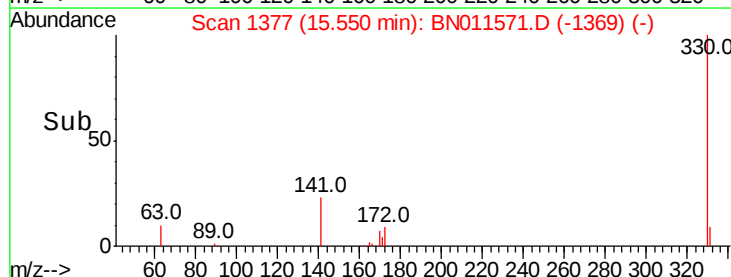
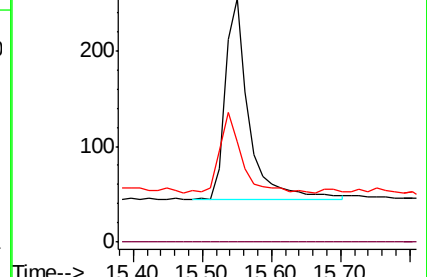
141 38.4 34.6 52.0

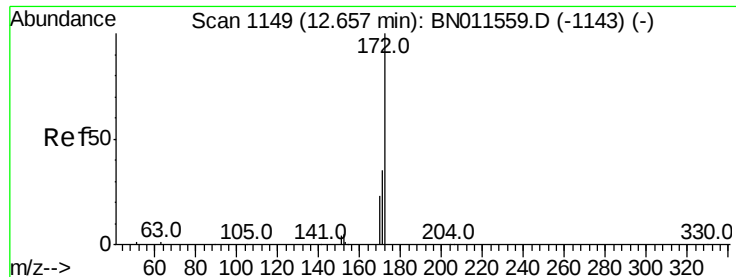


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

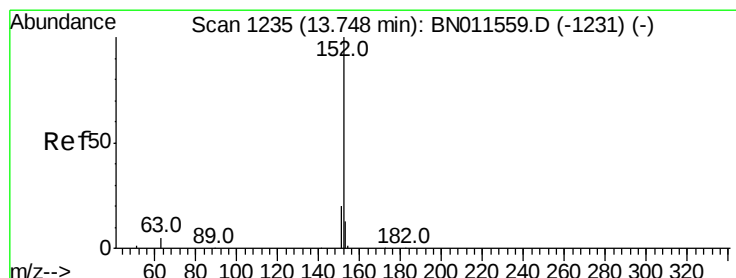
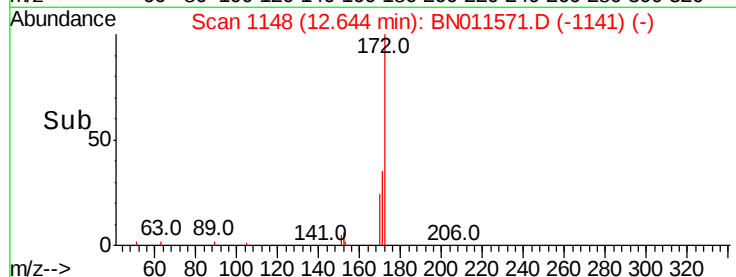
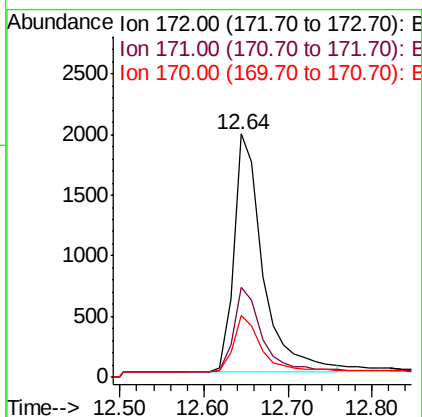
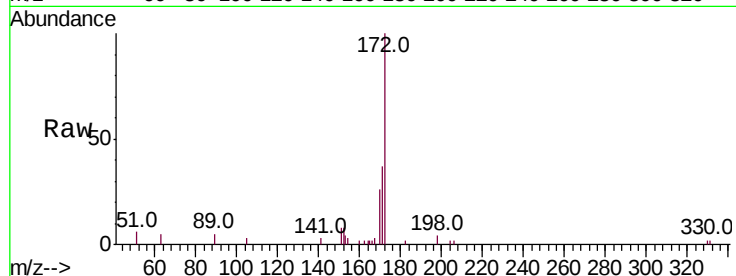




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

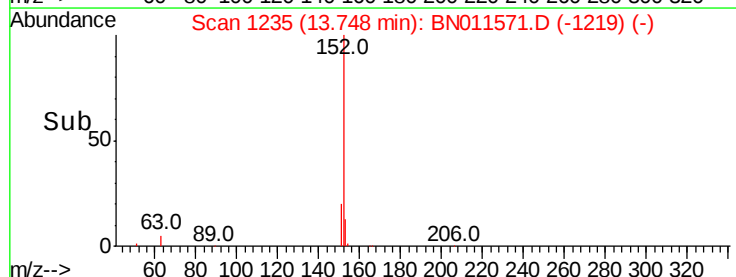
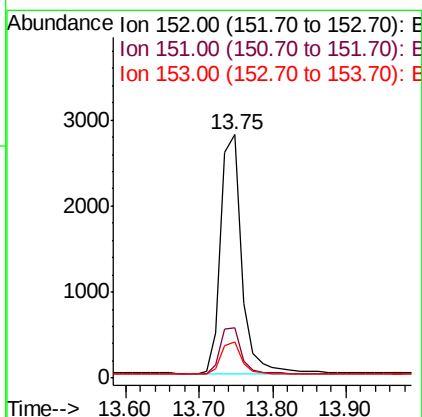
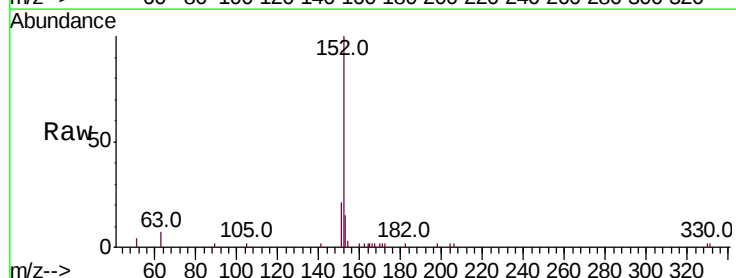
Instrument :
BNA_N
ClientSampleId :
PB131047BSD

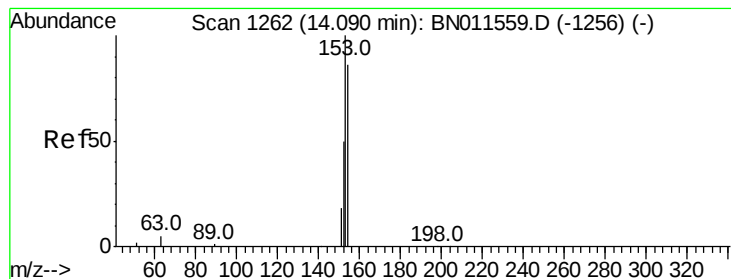
Tot Ion:172 Resp: 4696
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 25.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.75 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:152 Resp: 5541
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.368 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

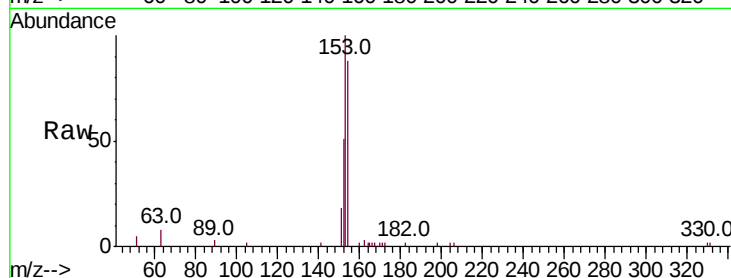
Tot Ion:154 Resp: 3529

Ion Ratio Lower Upper

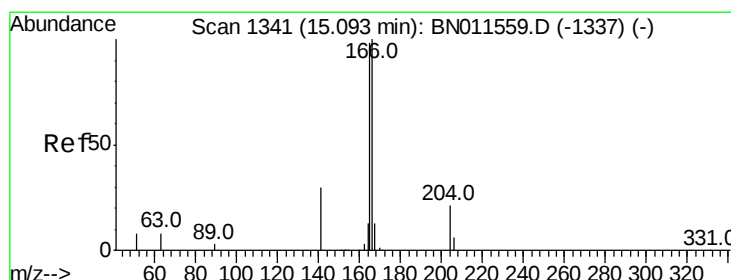
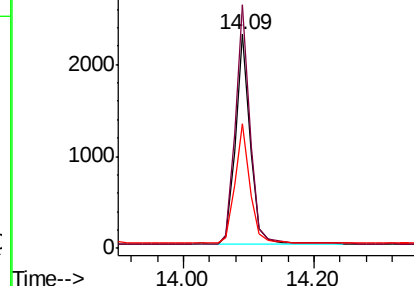
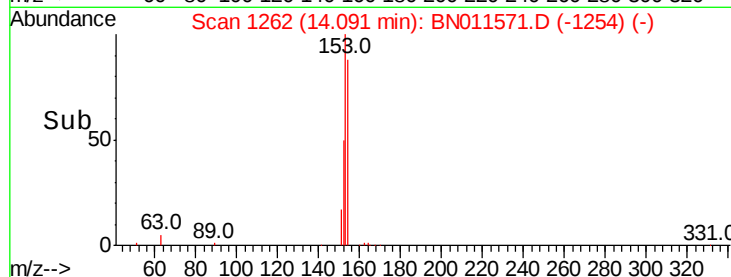
154 100

153 114.6 91.8 137.8

152 58.7 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: 0.380 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

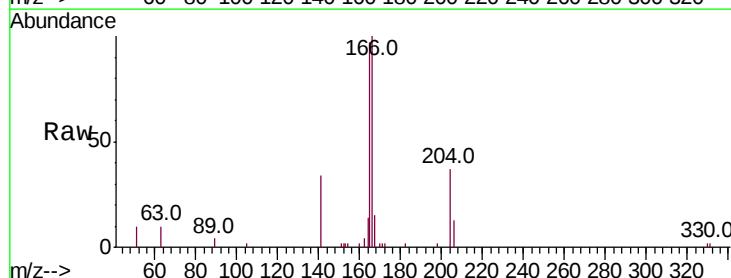
Tgt Ion:166 Resp: 4815

Ion Ratio Lower Upper

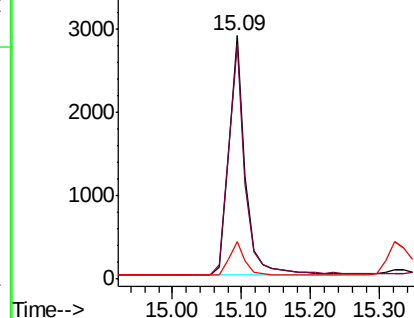
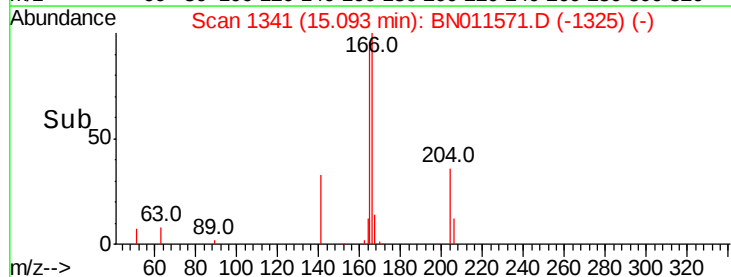
166 100

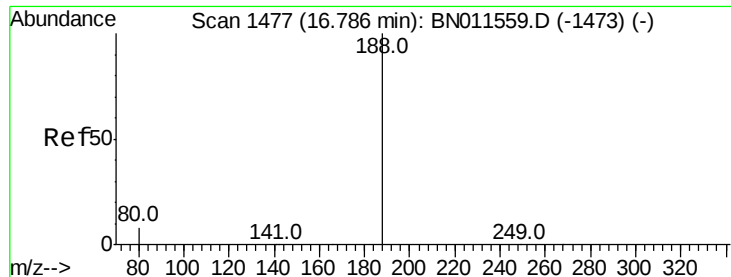
165 97.1 78.2 117.2

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: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

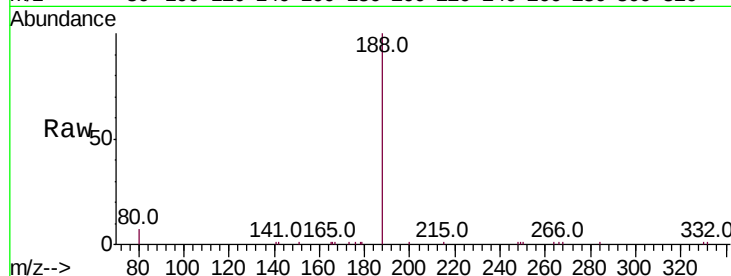
Tot Ion:188 Resp: 7179

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

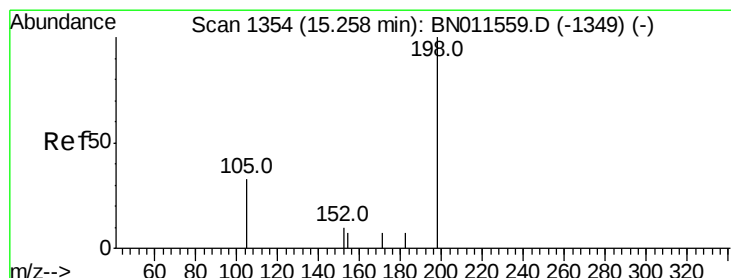
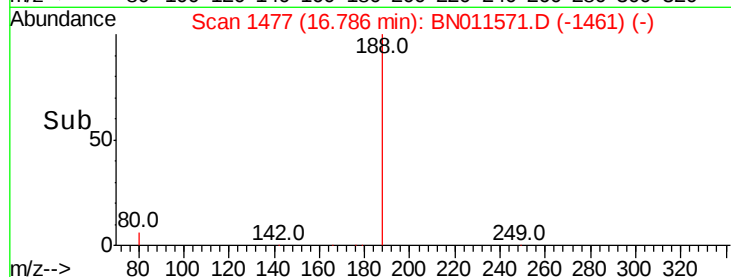
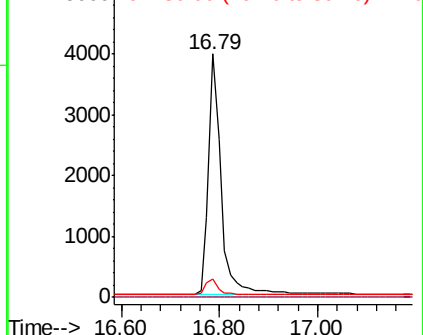
80 7.4 7.6 11.4#



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: 0.367 ng

RT: 15.25 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

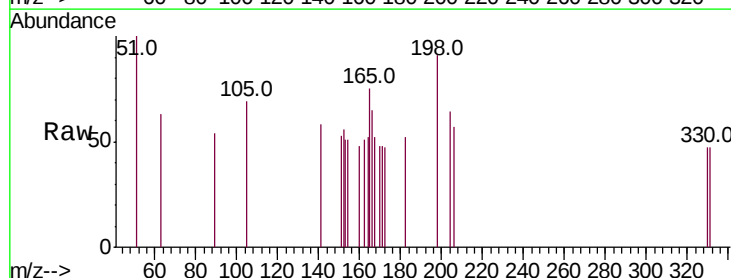
Tgt Ion:198 Resp: 275

Ion Ratio Lower Upper

198 100

51 110.5 89.4 134.2

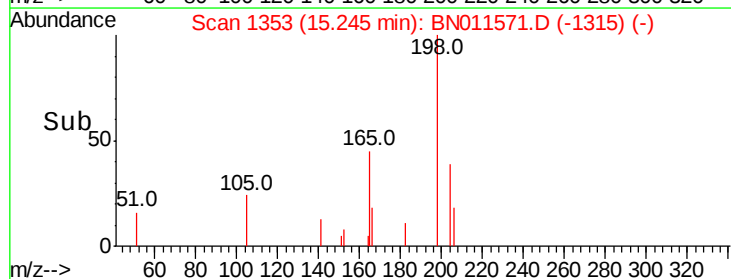
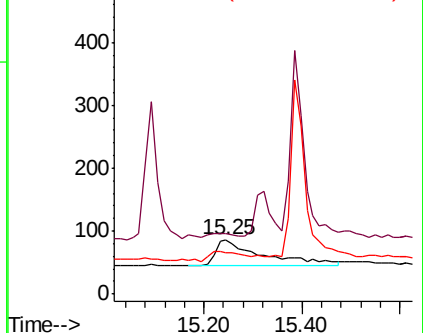
105 76.7 70.6 105.8

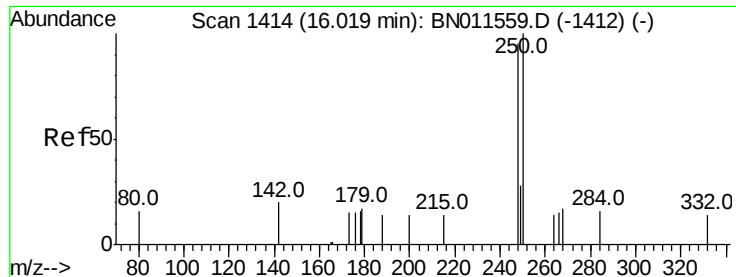


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

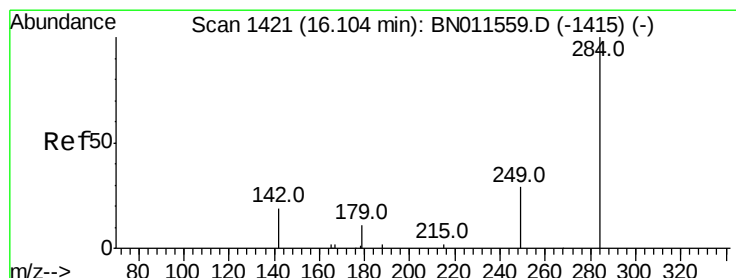
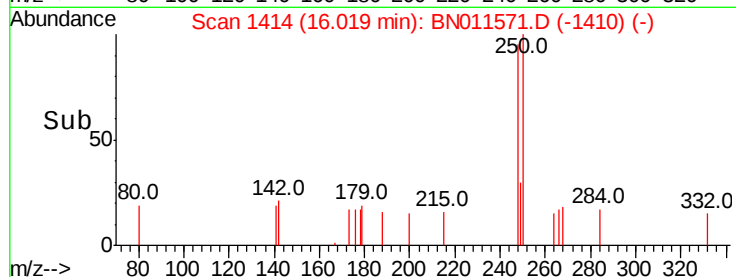
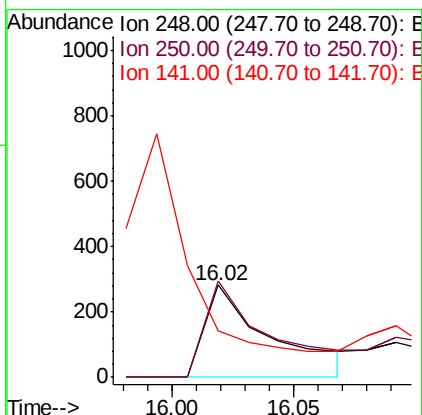
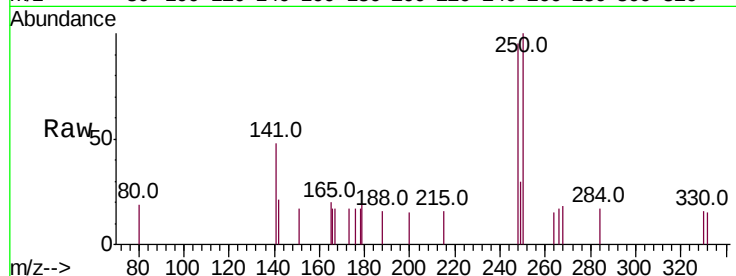




#21
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

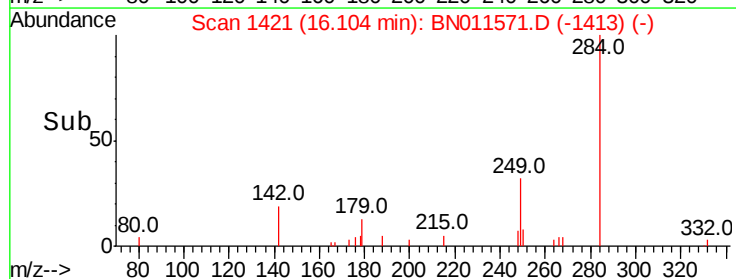
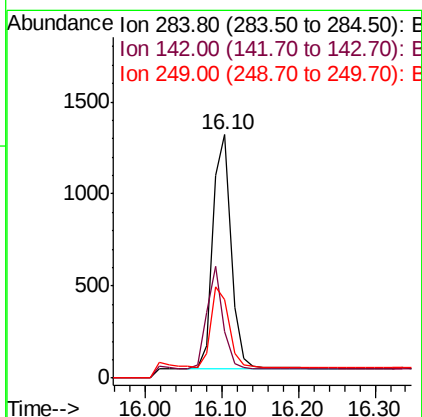
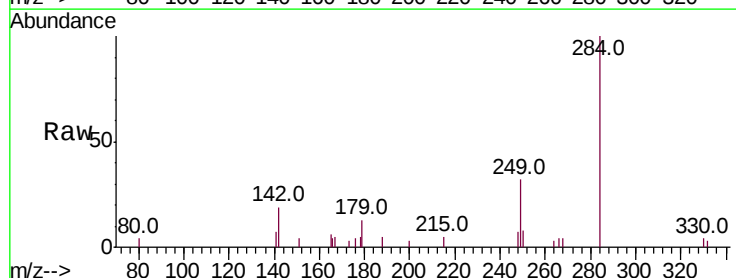
Instrument :
BNA_N
ClientSampleId :
PB131047BSD

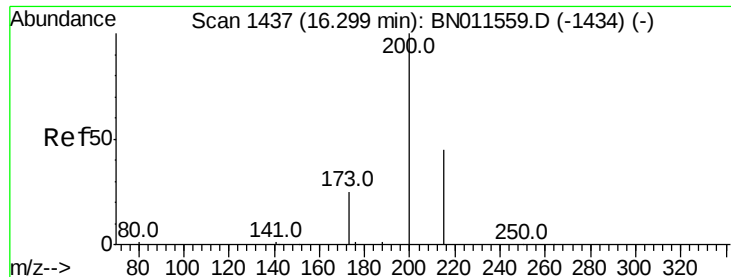
Tot Ion:248 Resp: 529
Ion Ratio Lower Upper
248 100
250 105.0 83.8 125.8
141 50.0 41.0 61.6



#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.10 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:284 Resp: 2120
Ion Ratio Lower Upper
284 100
142 39.5 29.7 44.5
249 34.5 26.8 40.2





#23

Atrazine

Concen: 0.267 ng

RT: 16.30 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

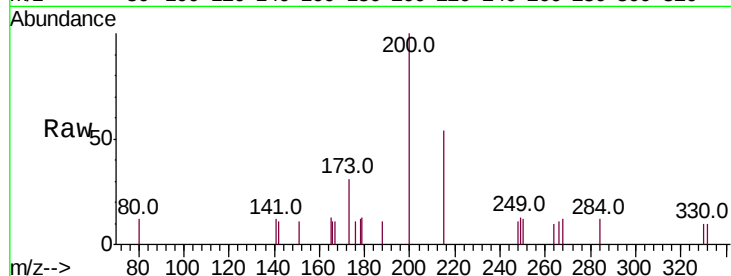
Tot Ion:200 Resp: 997

Ion Ratio Lower Upper

200 100

173 31.0 27.7 41.5

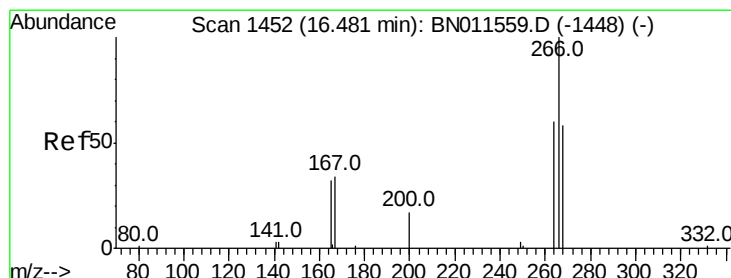
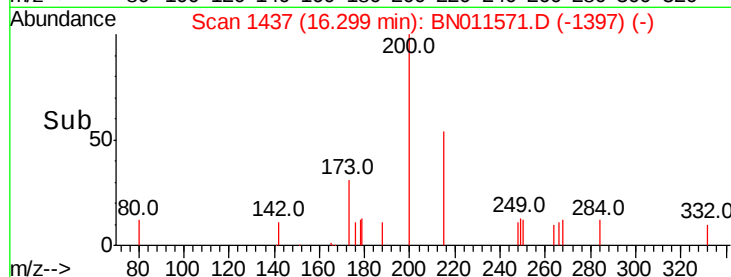
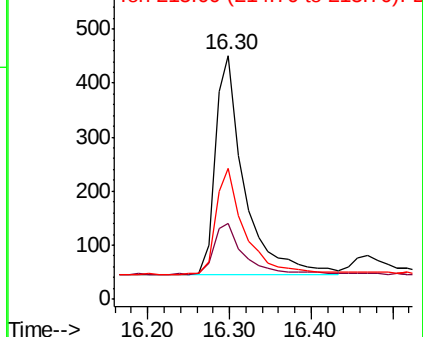
215 53.7 41.5 62.3



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: 0.300 ng

RT: 16.47 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

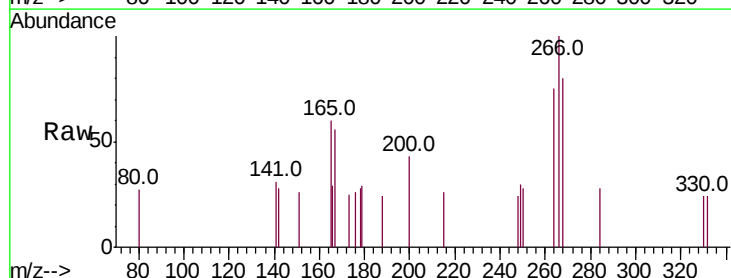
Tgt Ion:266 Resp: 518

Ion Ratio Lower Upper

266 100

264 65.3 48.7 73.1

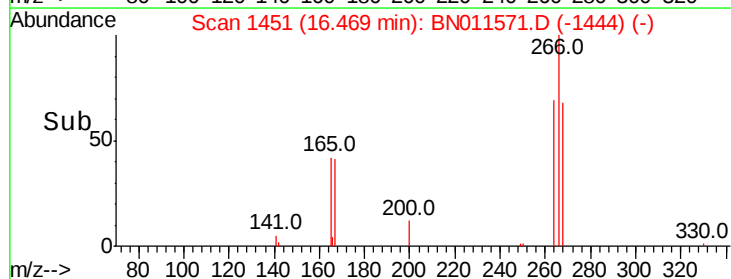
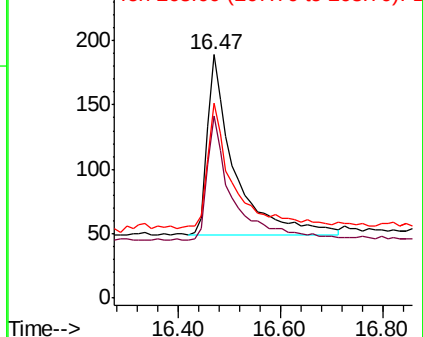
268 64.3 51.0 76.6

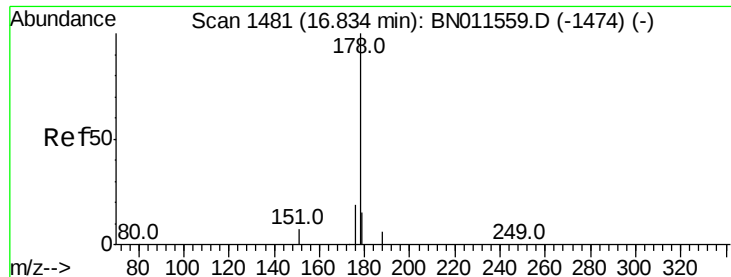


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.353 ng

RT: 16.83 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

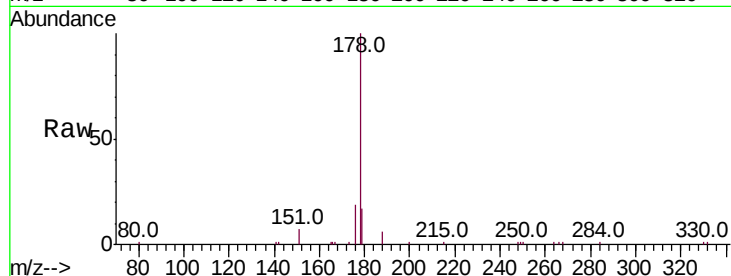
Tot Ion:178 Resp: 7980

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

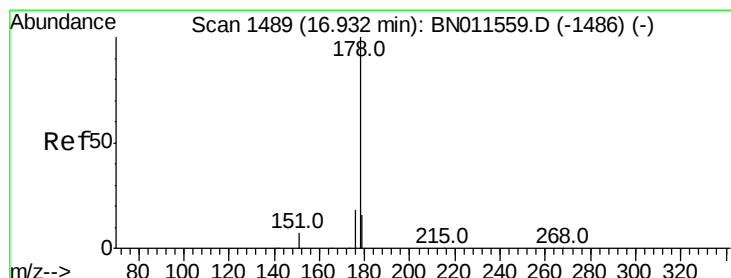
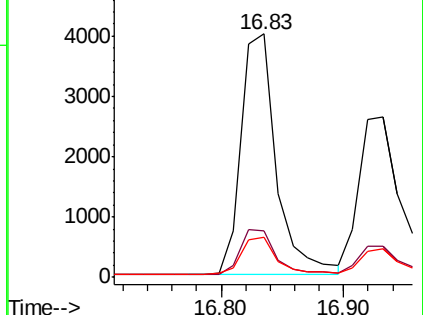
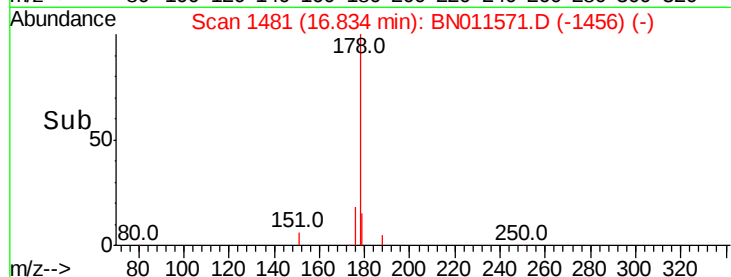
179 15.6 12.3 18.5



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: 0.331 ng

RT: 16.93 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

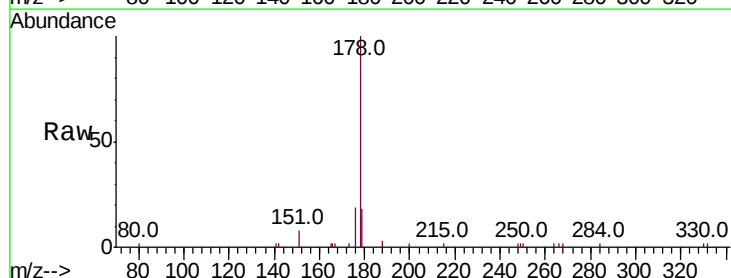
Tgt Ion:178 Resp: 6234

Ion Ratio Lower Upper

178 100

176 18.4 14.4 21.6

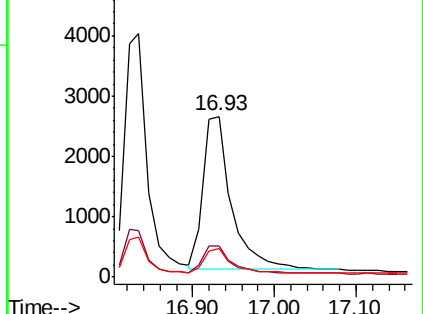
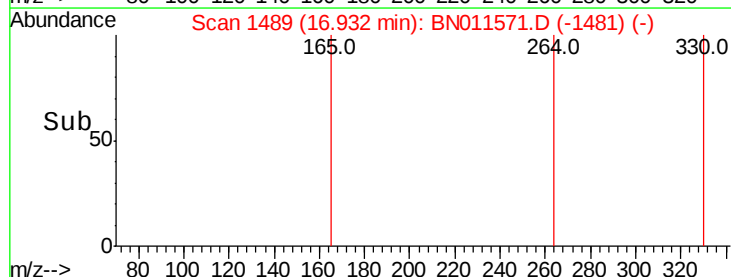
179 15.2 12.9 19.3

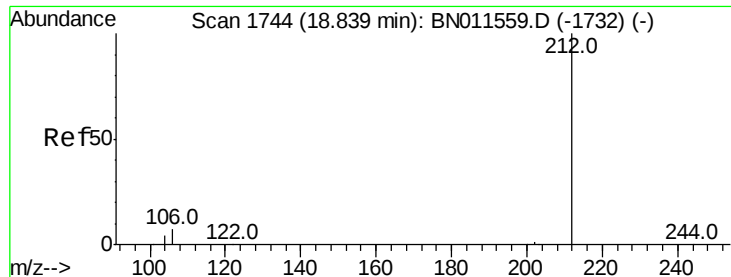


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

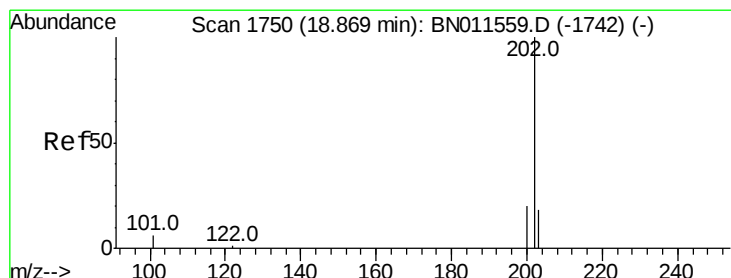
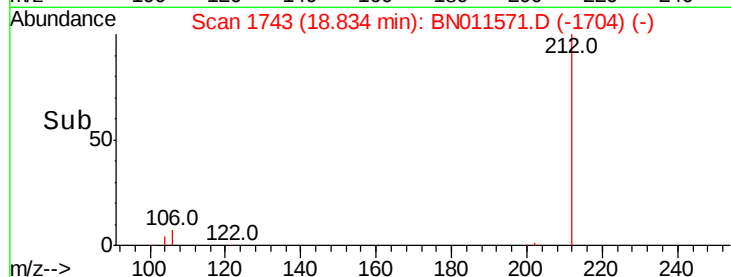
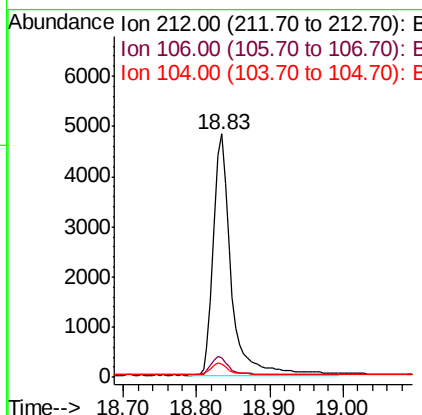
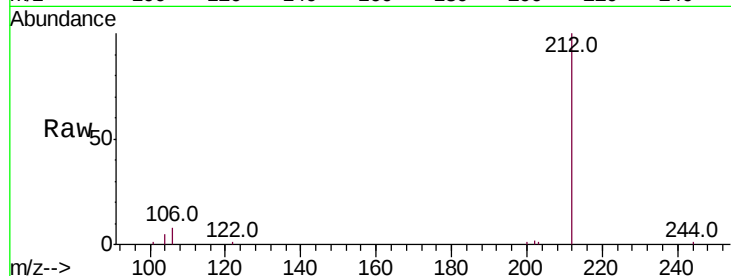




#27
 Fluoranthene-d10
 Concen: 0.332 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BN011571.D
 Acq: 22 Aug 2020 04:52

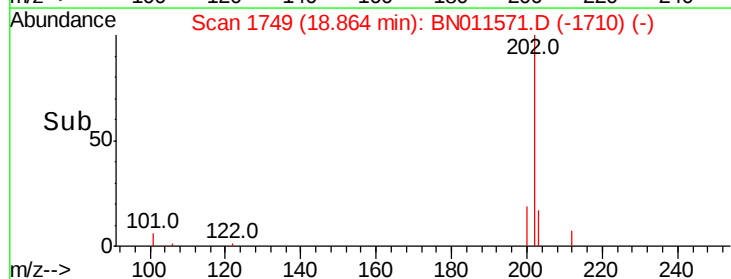
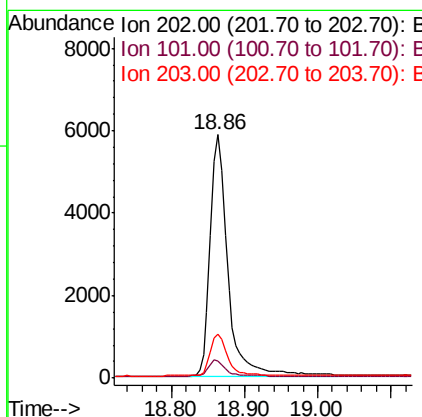
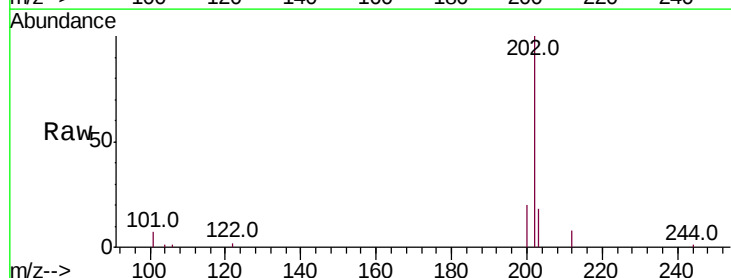
Instrument :
 BNA_N
 ClientSampleId :
 PB131047BSD

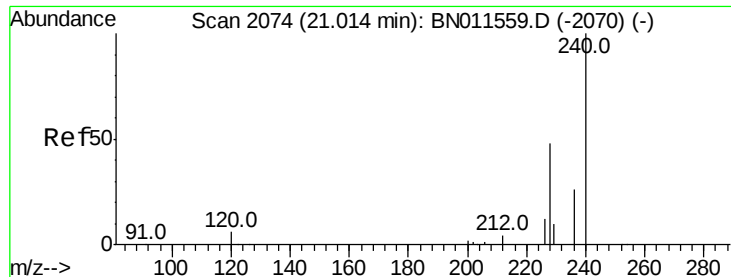
Tot Ion:212 Resp: 8034
 Ion Ratio Lower Upper
 212 100
 106 7.7 6.2 9.2
 104 4.7 3.8 5.6



#28
 Fluoranthene
 Concen: 0.336 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011571.D
 Acq: 22 Aug 2020 04:52

Tgt Ion:202 Resp: 9773
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.2 7.8
 203 16.7 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

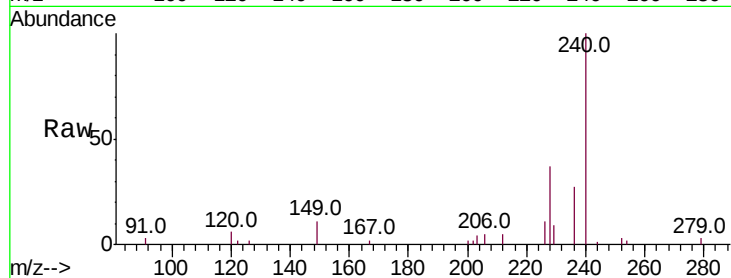
Tot Ion:240 Resp: 7073

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

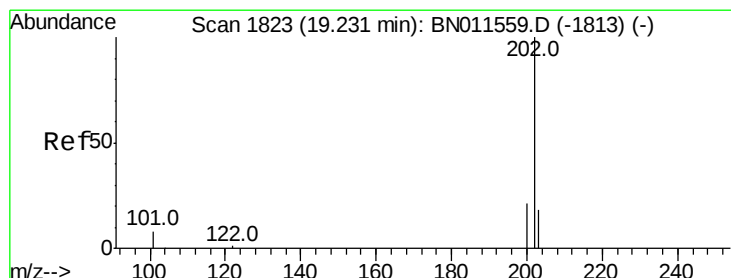
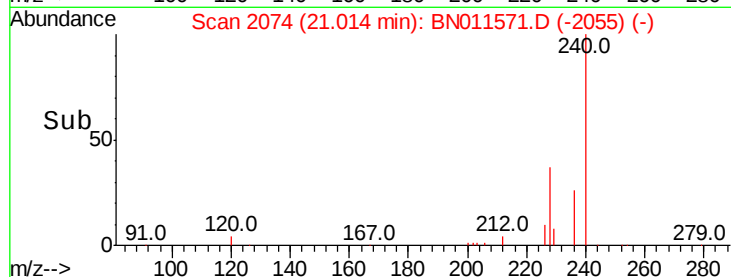
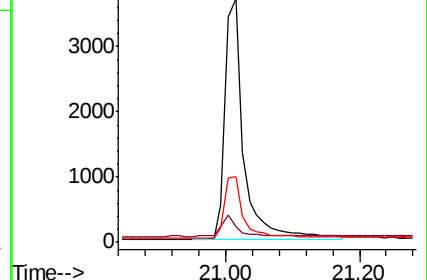
236 27.0 22.3 33.5



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: 0.335 ng

RT: 19.23 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

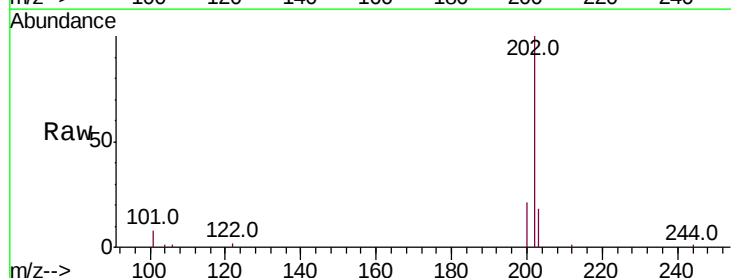
Tgt Ion:202 Resp: 9426

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

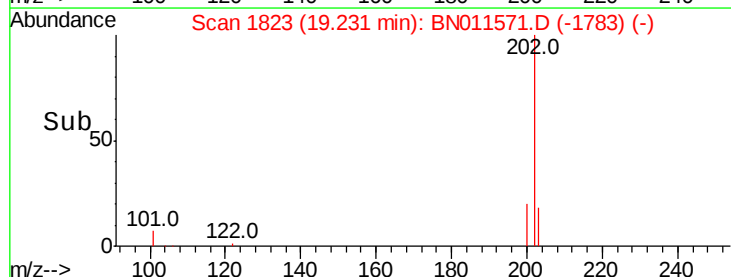
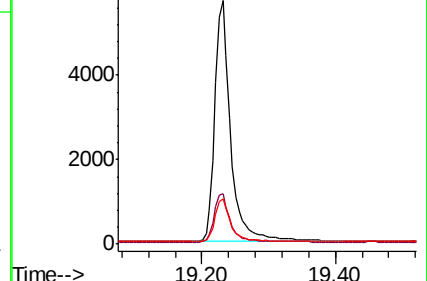
203 17.7 14.2 21.2

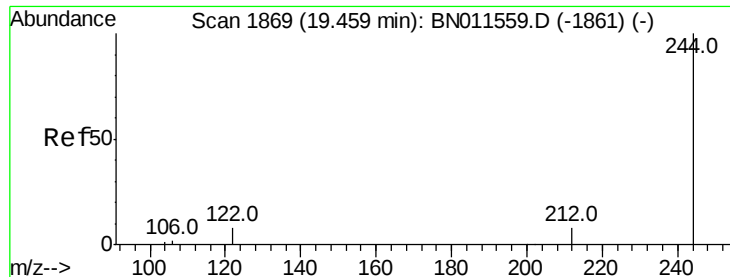


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.332 ng

RT: 19.46 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

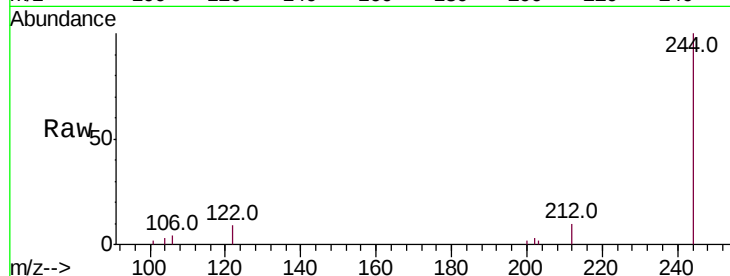
Tot Ion:244 Resp: 6130

Ion Ratio Lower Upper

244 100

212 9.9 8.2 12.4

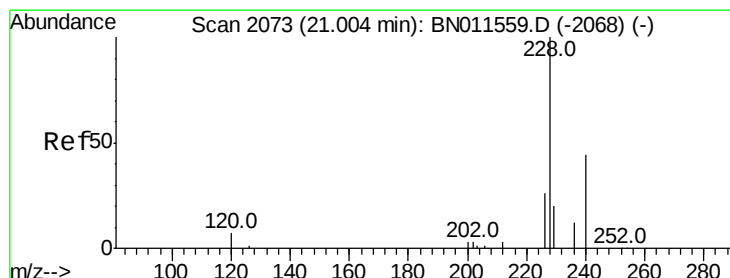
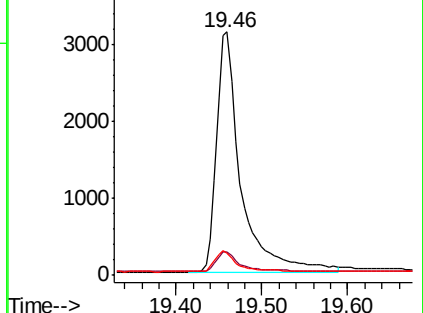
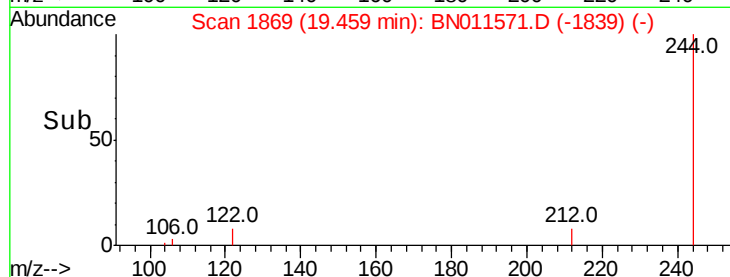
122 9.0 8.0 12.0



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: 0.350 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

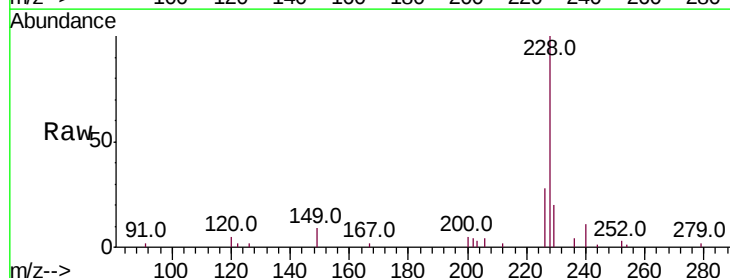
Tgt Ion:228 Resp: 8136

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

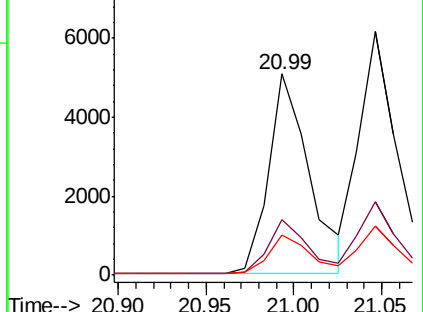
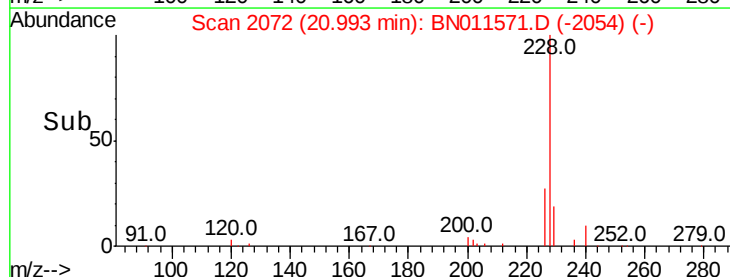
229 19.9 16.9 25.3

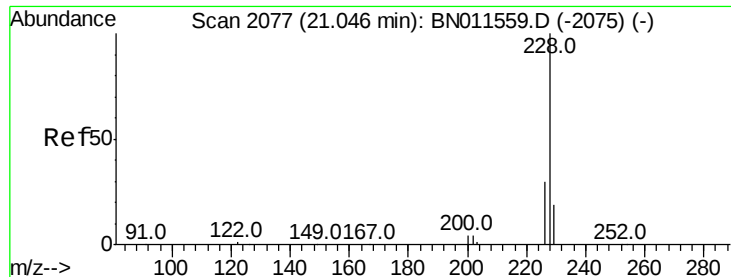


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.359 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

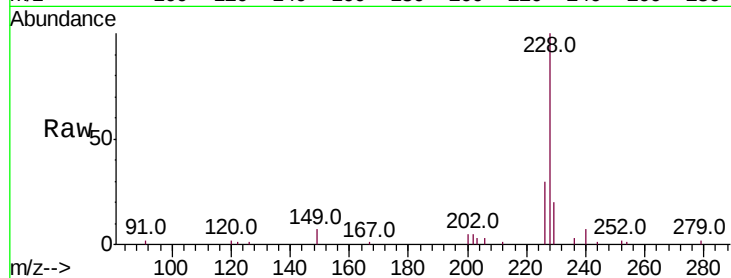
Tot Ion:228 Resp: 9492

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

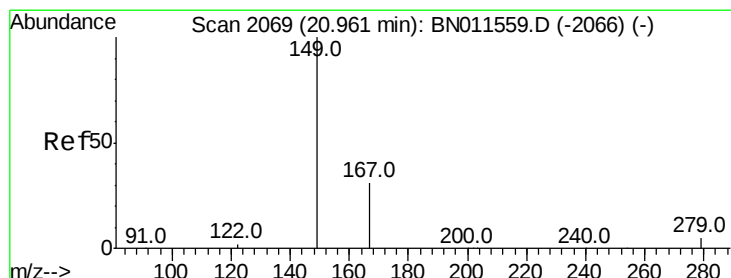
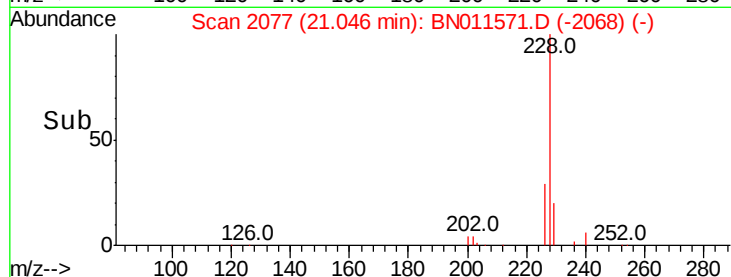
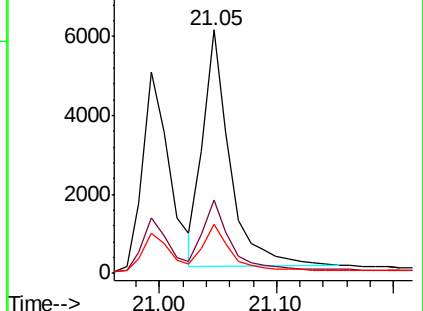
229 20.3 16.2 24.2



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: 0.331 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

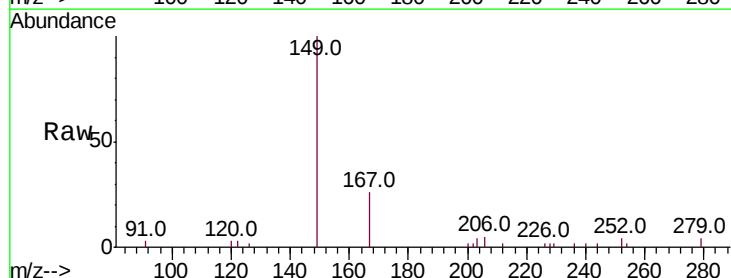
Tgt Ion:149 Resp: 3486

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

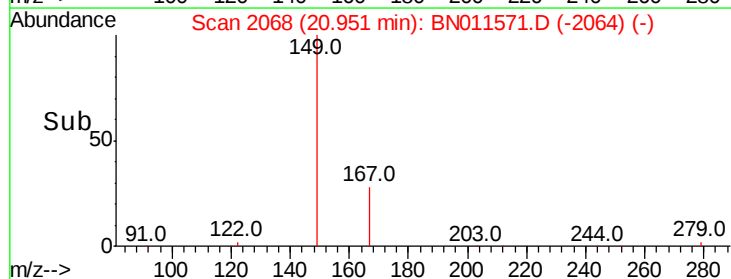
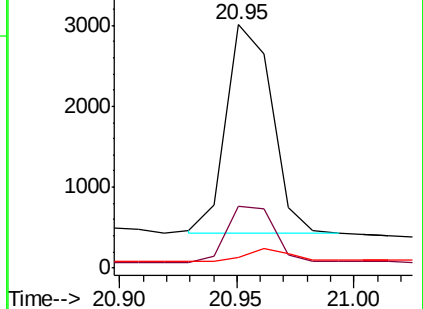
279 5.3 4.2 6.2

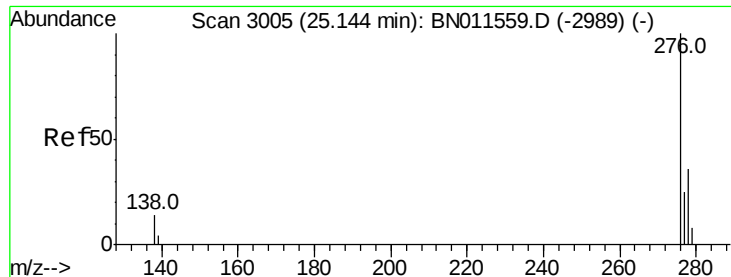


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

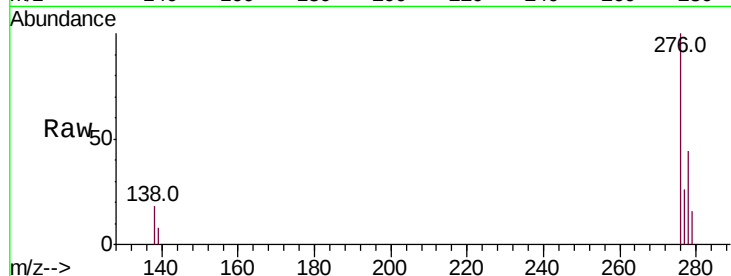




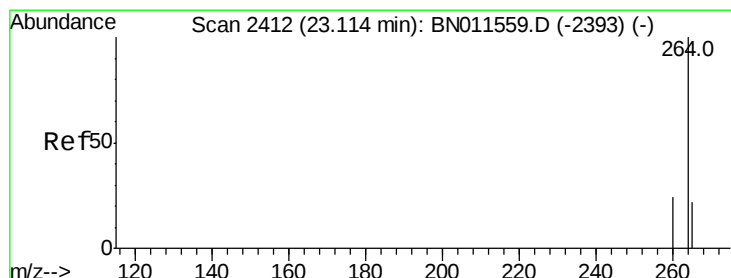
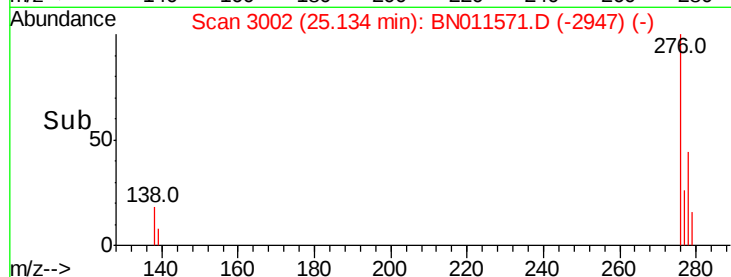
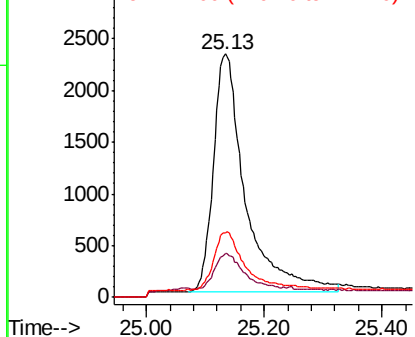
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 25.13 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BN011571.D
 Acq: 22 Aug 2020 04:52

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BSD

Tot Ion:276 Resp: 8737
 Ion Ratio Lower Upper
 276 100
 138 14.5 11.6 17.4
 277 23.2 18.2 27.4

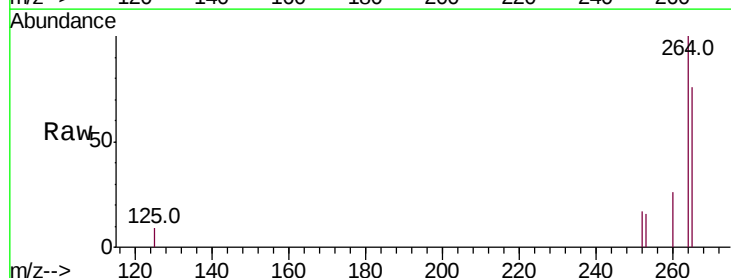


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

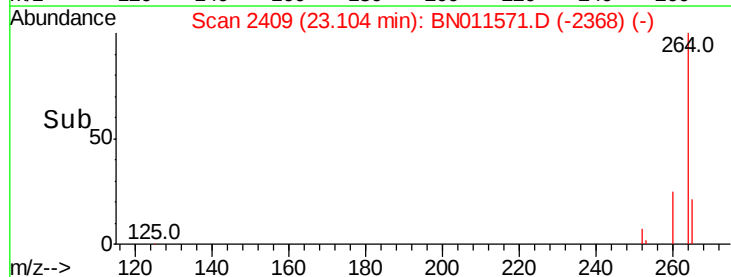
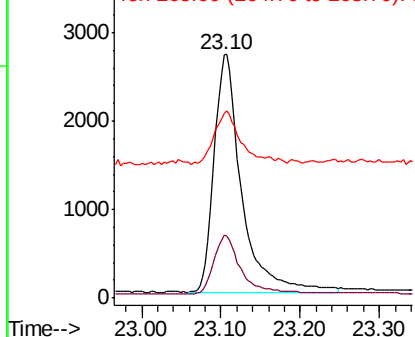


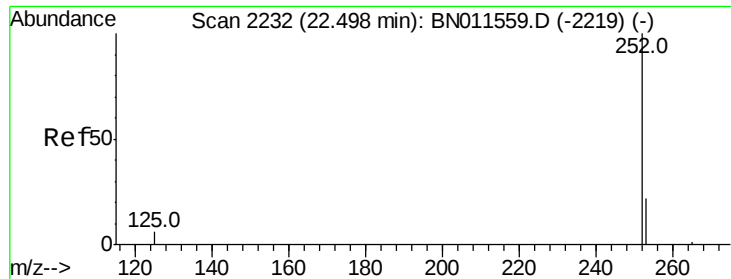
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BN011571.D
 Acq: 22 Aug 2020 04:52

Tgt Ion:264 Resp: 6471
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.3 30.5
 265 75.8 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: 0.455 ng

RT: 22.53 min Scan# 2242

Delta R.T. 0.03 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

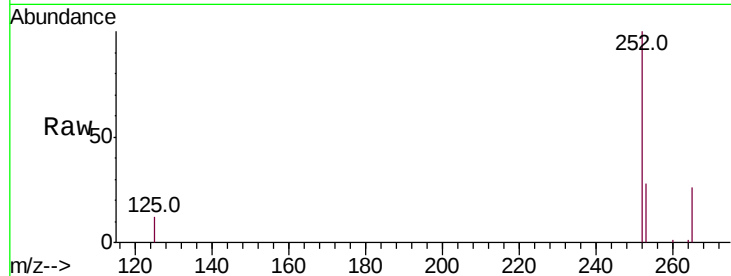
Tot Ion:252 Resp: 10892

Ion Ratio Lower Upper

252 100

253 27.7 25.5 38.3

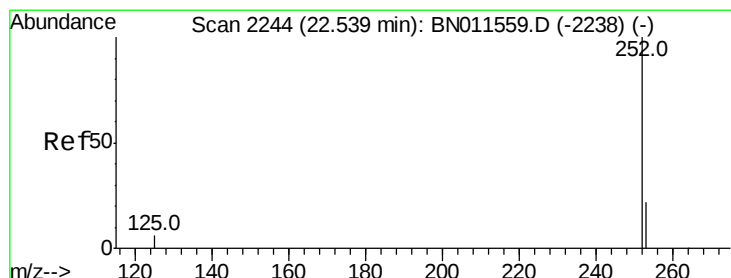
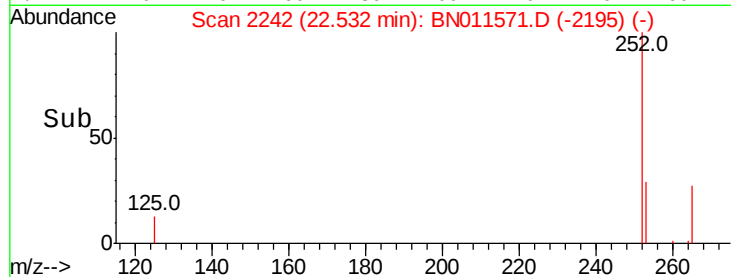
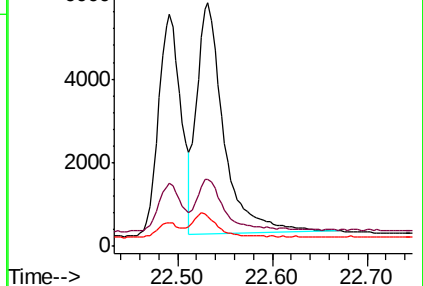
125 12.4 10.2 15.4



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: 0.399 ng

RT: 22.53 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

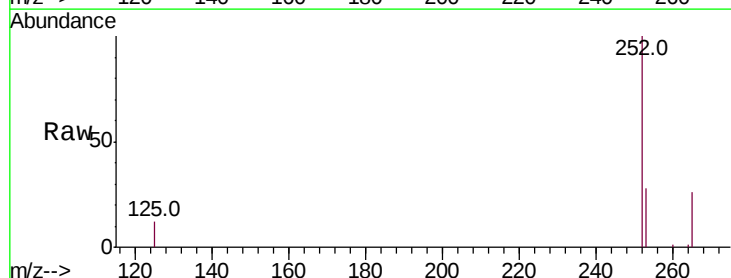
Tgt Ion:252 Resp: 11362

Ion Ratio Lower Upper

252 100

253 27.7 25.8 38.6

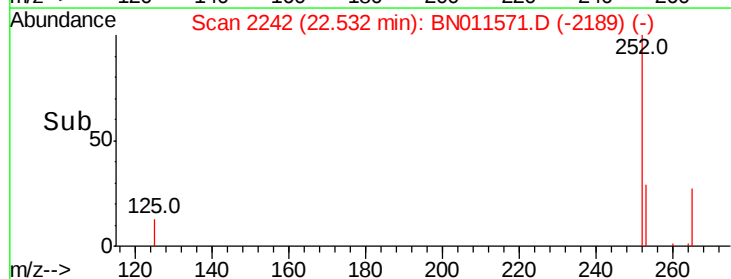
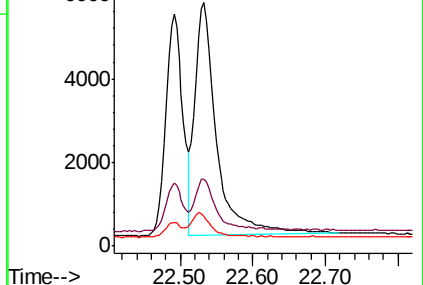
125 12.4 10.8 16.2

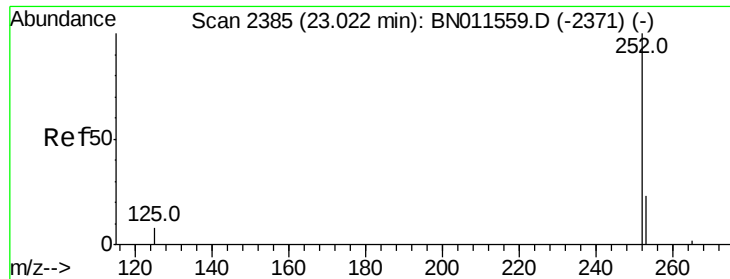


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.01 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

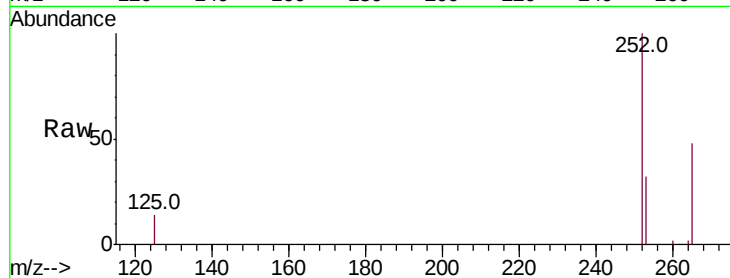
Tot Ion:252 Resp: 7878

Ion Ratio Lower Upper

252 100

253 32.1 31.8 47.8

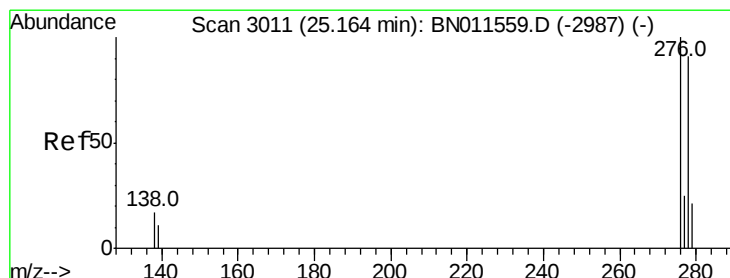
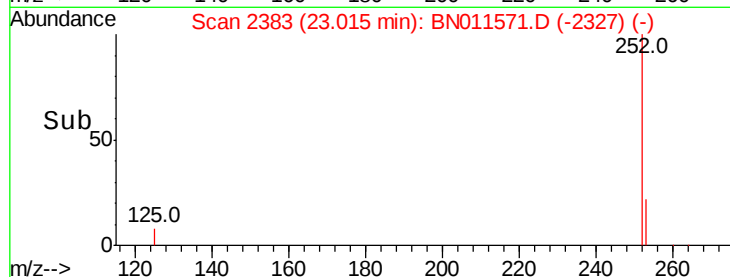
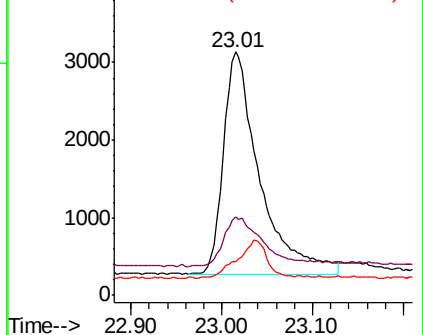
125 14.1 15.4 23.0#



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: 0.358 ng

RT: 25.15 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BN011571.D

Acq: 22 Aug 2020 04:52

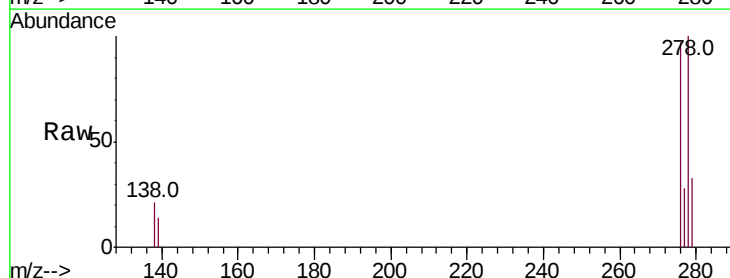
Tgt Ion:278 Resp: 6635

Ion Ratio Lower Upper

278 100

139 14.3 14.0 21.0

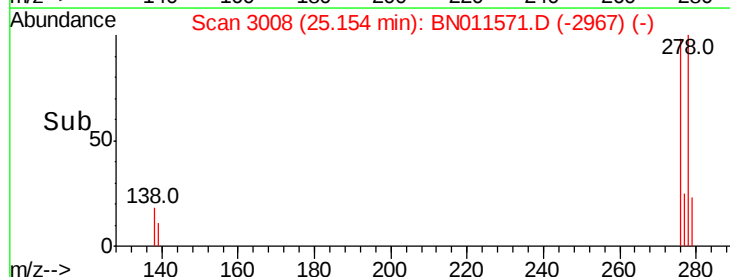
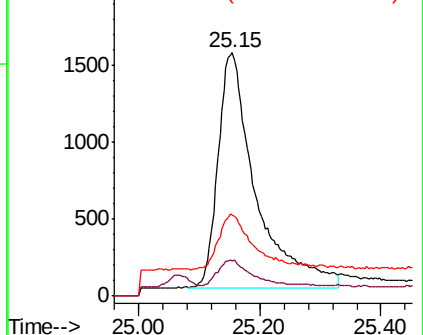
279 33.2 32.4 48.6

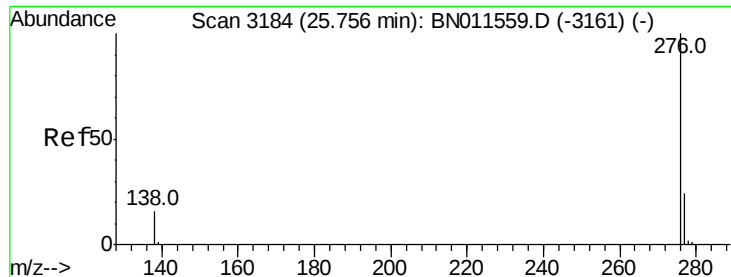


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.344 ng

RT: 25.75 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BN011571.D

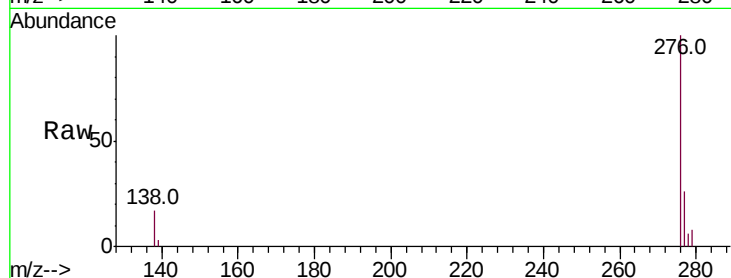
Acq: 22 Aug 2020 04:52

Instrument :

BNA_N

ClientSampleId :

PB131047BSD



Tot Ion:276 Resp: 7599

Ion Ratio Lower Upper

276 100

277 26.0 22.1 33.1

138 17.0 15.4 23.2

